NIST Special Publication 831 99ED

Directory of Professional / Trade Organization Laboratory Accreditation / Designation Programs

Charles W. Hyer, Editor

United States Department of Commerce
Technology Administration
National Institute of Standards and Technology

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- Building Materials
- Building Environment
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Information Technology Laboratory
- Mathematical and Computational Sciences[2]
- Advanced Network Technologies
- Computer Security
- Information Access and User Interfaces
- High Performance Systems and Services
- Distributed Computing and Information Services
- Software Diagnostics and Conformance Testing
- Statistical Engineering

[1] At Boulder, CO 80303.
[2] Some elements at Boulder, CO.

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Standards Code and Information Program
Office of Standards Services
National Institute of Standards
and Technology
Gaithersburg, MD 20899-2150

Order No. 43NANB714429 / Modification #01

(Supersedes 1992 editon of NIST SP 831)

December 1999

U.S. DEPARTMENT OF COMMERCE
William M. Daley, Secretary
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Dr. Cheryl L. Shavers, Under Secretary of Commerce for Technology
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
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National Institute of Standards and Technology Special Publication 831 99ED
Natl. Inst. Stand. Technol. Spec. Publ. 831 99ED, 129 pages (December 1999)
CODEN: NSPUE2

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON: 2000

FOREWORD

This directory is a guide to laboratory accreditation and similar types of programs conducted by private sector professionals and trade organizations. These programs accredit or designate laboratories or other entities to conduct testing to assist certification bodies in carrying out their responsibilities. This accreditation, or designation, is based on formal assessment of the capability of the laboratory to conduct the testing. The nature of such assessments varies considerably from agency to agency.

Laboratory accreditation and related efforts provide some assurance regarding the technical proficiency and competence of an entity to assess a product's or service's conformance to a set of prescribed standards. Many sectors of the economy may be interested in laboratory accreditation and related programs for a variety of economic, procurement, safety, or other considerations. Mutual acceptance of laboratory test results among private sector professional and trade organizations, states, local jurisdictions, and at the national and international levels can remove barriers to trade.

This directory (prepared under a contract with the Office of Standards Services, NIST) is an update of information contained in NIST Special Publication 831 of edition 1992, ***Principal Aspects of U.S. Laboratory Accreditation Systems***. This directory identifies professional and trade organization laboratory accreditation/designation programs and notes the appropriate contact points within each organization. It is a reference for all who operate, use, or rely on laboratory services. Entries in this directory are based on information provided by each organization and reflect the organization's view of its activities. Parties interested in this subject may wish to review NIST SP 808, ***Directory of Federal Government Laboratory Accreditation/Designation Programs*** (a summary of programs conducted by the federal government).

ACKNOWLEDGMENTS

This directory is based on my earlier publications in the field; its format was expanded to be consistent with "NIST Special Publication 808, ***Directory of Federal Government Laboratory Accreditation/Designation Programs***," edited by Maureen Breitenberg. Maureen Breitenberg of NIST's Office of Standard Services has provided important help and cooperation while monitoring this effort for NIST.

Special thanks are due Ruth Schreiber for her help in compiling this directory and managing all aspects of information processing, and to all the program officials who provided the information contained in this directory, without which this publication would not have been possible.

Charles W. Hyer
Vice President
The Marley Organization, Inc.

Editor

ABSTRACT

This directory is a guide to laboratory accreditation and similar types of programs conducted by professional and trade organizations. These programs accredit or designate laboratories or other entities to assist private sector professional societies, trade associations, related certification bodies, their membership, as well as government agencies, in carrying out their responsibilities. This accreditation or designation is based on an assessment of the capability of the laboratory to conduct the testing. However, the nature of the assessment varies considerably by organization and program.

Entries in this directory are based on information provided by each organization and reflect the organization's view of its activities. Parties interested in laboratory accreditation are referred to NIST SP 808, ***Directory of Federal Government Laboratory Accreditation/ Designation Programs***, and NIST SP 815, ***Directory of State and Local Government Laboratory Accreditation/Designation Programs***, which contain information on similar programs conducted at the federal, state and local government levels.

Publication of this directory is part of ongoing NIST efforts to establish and maintain comprehensive information on standards, regulations, laboratory accreditation, certification programs, and related information. This material answers the needs of government, industry, and the public for information on private sector laboratory accreditation and related programs.

Key Words: accreditation; conformity assessment; certification; designation; laboratory accreditation; laboratory designation; listing; proficiency testing; qualified laboratories; quality systems; standards; testing

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INTRODUCTION

Background:

Laboratory[1] accreditation has taken on increased worldwide significance as recognition and acceptance of test results from domestic and foreign laboratories have assumed greater importance in facilitating domestic and international trade. To accept such results, one must have confidence in the competence of the laboratory that produced them. Laboratory accreditation is one means of providing some assurance of the technical competence of a laboratory to assess a product's or service's conformance to a set of prescribed standards or other requirements.[2]

Laboratory accreditation helps increase confidence in certification program results. While laboratory accreditation and product/service certification are two distinct areas, laboratory accreditation can be vital in increasing the reliability of certification program results and in the confidence that can be placed in that program. The competence of laboratories that perform the required testing within a certification or approval system (e.g., building codes) can be as vital to securing acceptance of that certification/approval as is the adequacy of the standards on which the certification is based. It should be noted that not all laboratory accreditation programs are associated with a certification program and not all certification programs rely on accredited laboratories.

Sampling/testing, accreditation, product or service certification/ approval, assessment and registration of a producer's[3] management system by an assessment body,[4] as well as recognition of an accreditation body's competence can all be elements of what is now generally termed a " conformity assessment" scheme. When evaluating a conformity assessment scheme, one must look at each of the various elements that comprise the

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[1] The International Organization for Standardization and the International Electrotechnical Commission (ISO/IEC) Guide 25-1990 *General Requirements for the Competence of Calibration and Testing Laboratories* defines "laboratory" as a "body that calibrates and/or tests." It further notes: "1) In cases where a laboratory forms part of an organization that carries out other activities besides calibration and testing, the term 'laboratory' refers only to those parts of that organization that are involved in the calibration and testing process. 2) As used herein, the term 'laboratory' refers to a body that carries out calibration or testing at or from a permanent location, at or from a temporary facility, or in or from a mobile facility."

[2] ISO/IEC Guide 58-1993 General Requirements for Operation and Recognition – *Calibration and Testing Laboratory Accreditation Systems* defines "laboratory" as a "body that calibrates and/or tests." The Guide defines "accreditation" as a "procedure by which an authoritative body gives formal recognition that a body or person is competent to carry out specific tasks."

[3] ANSI Z34.1-1993 *Third-Party Certification Program* and its companion ANSI Z34.2-1987 *Self-Certification by Producer or Supplier* defines "producer" as "the manufacturer, distributor, supplier or other party providing the product or service who is responsible for assuring conformity to all requirements of the referenced standards or specifications."

[4] ISO Guide 48-1986 *Guidelines for Third-party Assessment and Registration of a Supplier's Quality System* defines an "assessment body" as a "third-party body which assesses and registers the Quality Systems of Suppliers with respect to published Quality Systems Standards."

scheme and assess the competence with which each is likely to be performed. If each element is performed properly, overall confidence in the results of a conformity assessment are enhanced and can serve as a basis for increased international trade.

Purpose and Content:

This directory provides information on private sector professional/trade organization laboratory accreditation and similar types of programs (schemes). These programs designate a set of laboratories or related entities as qualified to conduct testing to assist private sector professional societies, trade associations, related certification bodies, and government agencies in carrying out their responsibilities. The programs or schemes include an assessment of the laboratory's/entity's capability to conduct specified testing. However, the type and degree of rigor of such assessments vary greatly among programs. Entries in this directory are based on new and updated information provided by professional/trade organizations, which conduct such programs. The information reflects each organization's view of its program. In the course of compiling this information, some laboratories report an inconsistency in the manner in which some accreditation programs apply various portions of their formal assessment criteria and procedures. No attempt has been made either to confirm or refute such allegations. It should be noted that the criteria of some programs are applied on an optional or discretionary basis based on: the type of approval sought; past experience with the laboratory; fields of testing included in the accreditation scope; or the requirements/needs of the organizations relying on the accreditation.

The editor is unaware of any harmonized set of federal or state government criteria for evaluating private sector laboratory accreditation/ designation programs. In the absence of such criteria, this directory should only be used as one source of information for assessing individual programs. Parties interested in conformity assessment should also review NIST SP 903, *Directory of U.S. Private Sector Product Certification Programs*, which contains information on a number of closely related programs.

Compilation of this Directory:

In compiling this information, organizations whose laboratory accreditation/designation programs and systems were last reported in the 1992 edition of NIST Special Publication 831, *Directory of Professional/Trade Organization Laboratory Accreditation/ Designation Programs*, were contacted to update their entries. Most of the organizations listed in NIST SP 903 were also contacted to advise them that SP 831 was being updated and to request information on any relevant programs. In addition, other sources were also used to develop a list of potential organizations that might operate laboratory accreditation programs, and they too were contacted.

The private sector accreditation/designation programs listed in this directory are generally recognized as third-party programs conducted by professional/trade societies, associations and other related types of organizations. There are also numerous first-party (producer/supplier) and second-party designation programs, many of which employ similar criteria. These were not included in this directory.

Directory Format:

The professional and trade organization entries in this directory are organized alphabetically by organization/title. Each entry contains: a description of the program; the date that the program was initiated; the authority under which the program is conducted; the fields of testing being accredited or designated, (employing where applicable ASTM 1224-94 Standard Guide for Categorizing Fields of Capability for Laboratory Accreditation Purposes Testing; the products directly or indirectly affected by the testing; program requirements; availability of related publications; and other information. Programs or systems included within this directory are updated or newly acquired listings based primarily on the 1992 directory, *Directory of Professional/Trade Organization Laboratory Accreditation/ Designation Programs.*[5]

Appendix I contains several indices, including a product index. A copy of the questionnaire and a description of the format used for each entry are contained in Appendix II. Appendix III, Reconciliation of Professional/Trade Organization Accreditation Systems Appearing in the 1992 Edition of NIST SP 831, provides information on programs which were included in the 1992 edition; but which, for one reason or another, are no longer listed. Appendix IV contains information on other organizations which provided data on their activities in the accreditation area, but which did not qualify for inclusion in the main body of the directory. Appendix V contains a list of acronyms, abbreviations and initializations used in the directory. Appendix VI contains a list of other NIST publications of potential interest to the reader.

Program Differences:

Requirements for private sector professional/trade organization laboratory accreditation/designation programs vary substantially among programs. The American Association for Laboratory Accreditation (A2LA) programs for providing assurance of the competence of its accredited laboratories include: a review of a laboratory's structure; personnel; equipment and facilities; equipment calibration and maintenance procedures; quality control program; record keeping procedures; availability and use of operational/quality manuals; content and quality of actual test reports; testing conditions, methods and procedures; sample handling and selection procedures; an on-site inspection of the laboratory's equipment and facilities and/or the use of a proficiency testing program.[6] On the other

[5] NIST Special Publication 831 *Directory of Professional/Trade Organization Laboratory Accreditation/ Designation Programs*, Charles W. Hyer, Editor, National Institute for Standards and Technology, Department of Commerce, Gaithersburg, MD 20899.

[6] Laboratory proficiency testing is defined by ISO/IEC Guide 2 as the: "determination of laboratory testing performance by means of interlaboratory test comparisons."

hand, programs intended to designate laboratories that primarily test products and equipment for procurement purposes (procurements requiring product conformity to specified standards and specifications) tend to concentrate on conducting an initial assessment and have fewer program follow-up or monitoring requirements.

In the case of model code organization laboratory accreditation designation programs, such programs have arisen from the adoption of the codes by state, local, and municipal authorities having jurisdiction. Code officials, who are familiar with the details and intention of specific code requirements, are employed as assessors to review and evaluate laboratories. The depth of such reviews are based on the laboratory's scope of operations. They are also based on the authority's dependence upon test report data to identify products, which conform to code requirements and which are thus acceptable for installation and use. Code organization laboratory accreditation/designation programs are an outgrowth of product evaluation schemes. Participation in such programs is often inappropriately assumed to be equivalent to achieving laboratory approval directly by governmental authorities. That is, such programs are sometimes assumed by laboratories and users of laboratory services to be comparable to such programs as the U.S. Department of Labor's Occupational Safety and Health Administration's Nationally Recognized Testing Laboratory (NRTL) program. In fact, such laboratory accreditations can more appropriately be considered as " recommendations" to some approval authority or authorities. The authority having jurisdiction to recognize/accept a laboratory relies on the recommendation (accreditation/designation) of a private sector assessor organization (code organization) known to be familiar with the requirements of the adopted code. Recognition or acceptance of the accreditation remains the responsibility of the authority (state or local government agency) having jurisdiction. Code organization laboratory accreditation/designation is the responsibility of the code organization, while laboratory recognition, acceptance of test results and product certifications (products that conform to code) are governmental responsibilities. Comprehending the differences among these functions and recognizing who has responsibility for each of them are crucial steps in understanding how the approval process really operates in the building and construction area.

Another difference among listed programs is the importance and use of international standards in the program. Included in the questionnaire, were two specific questions that provided some indication of the importance of international guides and standards concerning conformity assessment activities. The first asked: " Does your program conform to ISO/IEC Guide 58?" The second asked: " Are your requirements for laboratories comparable to ISO/IEC Guide 25?"

In each case, the 38 respondents were able to check " Yes," " No," or " Don't Know." Fourteen respondents indicated that their programs conformed to ISO/IEC Guide 58, while an almost equal number (twelve) indicated that either their program did not conform or they didn't know. For ISO/IEC Guide 25, 22 respondents indicated that their programs' requirements were comparable, while five said they were not and 11 didn't know. As a general observation, use of international conformity assessment guides and standards has grown since the last edition of this directory, though further education in this area is still needed.

The following chart summarizes the number of programs requiring each of 25 assessment criteria or procedures, out of a total of 38 programs:

Requirement	38 Programs Reports	
	With	Without
Must Be A Legal Entity	28	10
Must Be Financially Stable	24	14
Must Be Independent of Manufacturers/Suppliers Of Products Tested	23	15
Must Have An Effective Quality System	33	5
Must Have Procedures To Prevent Conflicts-Of-Interest	26	12
Must Have A Document Control System	31	7
Must Have A Contract Review Process	20	18
Must Have Procedures for Sub-Contracting Tests and Calibrations	21	17
Must Have A Documented Procurement Process	21	17
Must Have A Complaints/Appeals Process	18	20
Must Have A System to Control Nonconforming Testing and/or Calibration Work	22	16
Must Have A Corrective/Preventive Action Process	23	15
Must Have An Effective Recordkeeping Process	32	6
Must Have Documented Record Retention Requirements	23	15
Must Conduct Internal Audits of Its Quality System	28	10
Laboratory Management Must Review Results of Internal Audits	22	16
Must Have Qualified Personnel	35	3
Laboratory Measurements Must Be Traceable To National Standards	25	13
Must (Where Applicable) Use Effective Sampling Techniques	19	19
Must Have a Process for Handling/Transport of Test/Calibration Items	20	18
Must Participate In A Proficiency Testing Program	22	16
Must Have Adequate Instrumentation Facilities and Equipment	30	8
Must Ensure Adequate Equipment Maintenance/Calibration	31	7
Must Attend Program Laboratory Workshops/Conferences	8	30
Must Maintain Other or Related Accreditations/Approvals	7	31

Some programs have additional requirements not included in the above chart. For example, the American Oil Chemists' Society (AOCS), Page 25, requires an AOCS approved chemist to be on the full-time staff of laboratories applying for accreditation. Other requirements (not listed above) include membership by the laboratory in the association. Many of AOCS's formal procedures allow non-member laboratories, such as government laboratories, to be accredited. However, in reality all accreditations are held by members.

A few other important anomalies should also be considered when reviewing the above chart. The American Society for Testing and Materials (ASTM) Cement and Concrete Reference Laboratory (CCRL), Page 43, is considered to be a designation program. CCRL was started in 1929 as a Research Associate Programs at NIST. CCRL designates some 765 laboratories that have been evaluated using standards and test methods contained in NIST Letter Circular 1133. Though this program is not a true laboratory accreditation program because of its limited requirements, it does provide valuable evidence of testing laboratory competence. Such evidence is useful to others, which accredit/designate laboratories. The CCRL Program pre-dates most testing laboratory accreditation programs as well as most laboratory accreditation standards. However, the CCRL Program is often mistakenly identified as a laboratory accreditation program. With the CCRL program information detailed herein, it is now possible for interested parties to determine what additional requirements, if any, may be appropriate for accrediting laboratories that participate in this program. One can also get a better understanding of the limitations of this program by comparing is requirements with those of NIST's National Voluntary Laboratory Accreditation Program (NVLAP). Information on the NVLAP program is contained in NIST SP 808, *Directory of Federal Government Laboratory Accreditation/Designation Programs*.

Entries containing information on laboratory designations made by independent testing laboratories that operate third-party certification programs often indicate that " independence (no-conflict-of-interest)" is a requirement. Yet these entries also note that the accreditation of laboratories of participating manufacturers is allowed when such laboratories are needed to perform the in-house quality assurance testing required for certification.

Other anomalies were noted in the category: " Periodic Random Re-audit," which may result from such factors as national security clearance requirements. Some programs may also have checked the requirement, " Participation in Proficiency Testing," when such a requirement may be applicable only to certain types of accreditations or to only limited types of testing within the scope of the accreditation.

Acceptance of Private Sector Accreditation Program Results by Government Agencies and Certification Programs:

Accreditation decisions made by some private sector laboratory accreditation programs can influence the outcome of applications for laboratory accreditation received by federal, state, local and municipal governments. A few of these are even mentioned by name in the category " Other Recognition." However, until there is some formal uniform

governmental procedure for the recognition of private sector testing laboratory accreditation programs, government recognition of private sector laboratory accreditation programs will continue to be a erratic process. Recognition of private sector laboratory accreditation programs raises several major issues:

- Independent third-party private sector accreditation programs may not be needed in specific areas where there is a national government laboratory accreditation program, which can assure the competence of laboratories at a reasonable cost, since government programs are more likely to be widely recognized and accepted than private sector programs.

- Although mutual recognition among comparable programs is desirable to prevent needless, costly duplication, most private sector programs depend upon participating laboratory fees for their existence. Can such programs remain financially viable if mutual recognition among programs occurs?

- Recognition of multiple private sector testing laboratory accreditation programs by certifiers may also be difficult. Most accreditation efforts by certifiers are subtasks, undertaken as part of the operation of product certification programs. Certification programs need to identify laboratories, which are not only competent to conduct the testing, but which are also capable of providing virtually identical test results. The latter requirement is necessary given the competition among participating producers. The need for both types of assurance may cause recognition of multiple accreditation programs by certifiers programs to be infeasible.

Despite these problems, reducing duplicative and unnecessary laboratory accreditation requirements is a worthwhile effort, which should be pursued by government agencies in conjunction with the private sector.

Directory Changes:

Private sector professional and trade organizations are encouraged to notify NIST of any changes in their laboratory accreditation programs or of new programs. Such information should be sent to:

Global Standards Program
National Institute of Standards and Technology
Administration Building, Room 820, MS 2100
Gaithersburg, MD 20899-2100
Phone: (301) 975-4031
Fax: (301) 963-2871
e-mail: maureen.breitenberg@nist.gov

Other References:

The Office of Standards Services of the National Institute of Standards and Technology (NIST) periodically develops and publishes conformity assessment related documents as a service to producers and users of standards, both in government and in the private sector. A list of these publications is contained in Appendix IV. Conformity assessment information is also available on the NIST Conformity Assessment Website at:

http://ts.nist.gov/ca

DATE RECEIVED: 7/6/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	ACIL Environmental (ACIL)
PRIMARY CONTACT:	Mr. Patrick McMahon
ADDRESS:	P.O. Box 8032 Newark, DE 19214
PHONE: *FAX:* *E-MAIL:* *URL:*	(302) 834-9796 (302) 995-1086 pmcmahon@advancedsys.com http://www.acil.org
PROGRAM TITLE:	Seal of Excellence.
DESCRIPTION:	The Seal of Excellence program was developed in 1996 to recognize laboratories with exemplary quality performance. The Seal of Excellence program serves as a " better business bureau" for environmental laboratories. It provides clients and regulators impartial information as to the quality of a given environmental laboratory.
DATE ESTABLISHED:	1996.
PROGRAM SCOPE:	Recognizes laboratories for chemical testing.
PRODUCTS TESTED: (Categories)	Environmental: hazardous waste; priority pollutants; solid waste; wastewater; water.
STANDARDS/ TEST METHODS USED:	ACIL does not publish a list of standards.
LABS LISTED/ ACCREDITED:	65 as of 1998.
ISO/IEC GUIDE 58:	Program does not conform to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Program is valid for one year.
ASSESSOR STATUS	1 assessor.
ASSESSOR QUALIFICATIONS:	There are no mandatory assessor qualifications.
ASSESSOR TRAINING:	There is no assessor training program.
PROGRAM FEES:	There is a fee to participate, which is set by ACIL. Contact ACIL or the Seal of Excellence Program Manager for a fee schedule.
APPEAL PROCEDURES:	No appeal procedure.
PUBLICATIONS:	None.
LOGO/MARK:	ACIL has a logo.
PROGRAM AVAILABILITY:	Program available to all U.S. testing laboratories.
LISTS/DIRECTORIES:	Not published.

PUBLISHED PROCEDURES: There is a published set of requirements for the program, which is available from ACIL or from the Seal of Excellence Program Manager.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☐ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☐ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Program requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 1/22/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Air Movement and Control Association International, Inc. (AMCA)
PRIMARY CONTACT:	Mr. Peter Hanly, Executive Vice President
ADDRESS:	30 West University Drive Arlington Heights, IL 60004
PHONE:	(847) 394-0150
FAX:	(847) 253-0088
E-MAIL:	amca@amca.org
URL:	http://www.amca.org
PROGRAM TITLE:	Accredited Laboratory Program.
DESCRIPTION:	The program accredits laboratories to test air moving, controlling, or measuring devices in accordance with various testing standards adopted by AMCA.
DATE ESTABLISHED:	1963.
PROGRAM SCOPE:	Scope includes acoustic and air performance testing.
PRODUCTS TESTED: (Categories)	Fans, dampers, louvers, air flow measurement stations.
STANDARDS/ TEST METHODS USED:	AMCA Standards/test methods available from AMCA.
LABS LISTED/ ACCREDITED:	44 as of January 1999.
ISO/IEC GUIDE 58:	Unfamiliar with requirements of the guide.
VALIDITY/RENEWAL:	Term of accreditation is three years.
ASSESSOR STATUS	1 part-time laboratory assessor.
ASSESSOR QUALIFICATIONS:	No mandatory assessor qualifications required.
ASSESSOR TRAINING:	No assessor training programs provided.
PROGRAM FEES:	There is a fee to participate, which is determined by AMCA's Board of Directors. A fee schedule may be obtained from AMCA's Director of Technical Services.
APPEAL PROCEDURES:	Yes, appeals are made in writing to AMCA's Executive Vice President.
PUBLICATIONS:	AMCA publishes the following document: " Publication III, Laboratory Accreditation Program."
LOGO/MARK:	None.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. testing laboratories and to all foreign private and government laboratories.
LISTS/DIRECTORIES:	None.
PUBLISHED PROCEDURES:	Published procedures are available from AMCA's Director of Technical Services.

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
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- ☐ Must Have A Documented Procurement Process
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- ☐ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☐ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are not comparable to ISO/IEC Guide 25.

PROFICIENCY TESTING PROGRAM: Laboratories must participate in a proficiency testing program. Test results from the accredited lab and from the AMCA lab must agree within tolerances published in AMCA Publication III.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/14/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	American Architectural Manufacturers Association (AAMA)
PRIMARY CONTACT:	Mr. C. R. Wagus, Technical Director
ADDRESS:	1827 Waldon Office Square Suite 104 Schaumburg, IL 60173
PHONE:	(847) 303-5664
FAX:	(847) 303-5774
E-MAIL:	crwagus@AAMANET.org
URL:	http://www.AAMANET.org.
PROGRAM TITLE:	AAMA Laboratory Accreditation Program
DESCRIPTION:	The program exists to provide competent independent laboratory testing facilities of fenestration products. It forms a basic testing capacity in support of the AAMA Product Certification Programs.
DATE ESTABLISHED:	1979.
PROGRAM SCOPE:	Acoustic and vibration testing; mechanical testing; Thermal testing; and component testing.
PRODUCTS TESTED: (Categories)	Windows, doors, store fronts, custom walls, skylights, hardware, weatherstrips, sealants.
STANDARDS/ TEST METHODS USED:	AAMA offices maintain a list.
LABS LISTED/ ACCREDITED:	25 as of June 1999.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation is valid for one year, with renewals yearly.
ASSESSOR STATUS	Two contract assessors.
ASSESSOR QUALIFICATIONS:	Familiarity with AAMA Laboratory Accreditation Program Procedural Manual, ISO Guide 58, fenestration testing, AAMA standards, and ASTM standards.
ASSESSOR TRAINING:	No assessor training programs offered.
PROGRAM FEES:	There is a fee to participate, and the fee is set by AAMA staff - Technical Director. A Fee schedule is available from AAMA offices.
APPEAL PROCEDURES:	Appeals may be made to the Certification Policy Committee, in writing, within 30 days of denial. Hearings are held before Certification Policy Committee at regular meetings of this committee.
PUBLICATIONS:	" AAMA Laboratory Accreditation Program Procedural Guide."
LOGO/MARK:	AAMA Logo is Federally registered, copyrighted, and trademarked.
PROGRAM AVAILABILITY:	Accreditation program available to all U.S. Testing and Private Sector Laboratories, and all Foreign Private Sector Laboratories.
LISTS/DIRECTORIES:	List of AAMA Accredited Laboratories available from AAMA offices.
PUBLISHED PROCEDURES:	Published procedures are available from AAMA offices.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☒ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☒ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: Recognized by the Center for Better Living in Japan as basis of Product Certification Exchange Program. The certification program is accredited by ANSI.

MUTUAL RECOGNITION ARRANGEMENTS: Center for Better Living - Japan.

DATE RECEIVED: 1/23/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	American Association for Laboratory Accreditation [A2LA]
PRIMARY CONTACT:	Peter S. Unger, President
ADDRESS:	5301 Buckeystown Pike, Suite 350 Frederick, MD 21704-8307
PHONE:	(301) 644-3248
FAX:	(301) 622-2974
E-MAIL:	INFO@a2la.org
URL:	http://www.a2la.org
PROGRAM TITLE:	A2LA Laboratory Accreditation Program.
DESCRIPTION:	Accreditation of testing and calibration laboratories using ISO/IEC Guide 25 and specific technical criteria.
DATE ESTABLISHED:	1978.
PROGRAM SCOPE:	Acoustics & Vibration; Biological; Calibration; Chemistry; Medical; Electrical; Environmental; Non-Destructive; Mechanical; Thermal.
PRODUCTS TESTED: (Categories)	All types of materials and products.
STANDARDS/ TEST METHODS USED:	National and international voluntary and governmental standards, protocols, and testing/calibration methods appropriate to the field; documented company methods available to the public (must be validated).
LABS LISTED/ ACCREDITED:	1202 laboratories (43 calibration labs, 1159 testing labs) have achieved accreditation as of 1/13/99.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Laboratories undergo a full on-site reassessment every two years. During the mid-point of the two-year accreditation period, laboratories undergo a comprehensive quality system, organizational and proficiency testing review. Additionally, after the first year of accreditation for new laboratories, a one-day surveillance visit is conducted on-site.
ASSESSOR STATUS	Eighty assessors as of 1/13/99.
ASSESSOR QUALIFICATIONS:	The majority of A2LA assessors are independent technical consultants that work for A2LA on a contractual basis per assignment. Additionally, several of the staff members are qualified quality system assessors. Assessors must be experts in their fields of testing.
ASSESSOR TRAINING:	Assessors must attend a three-day assessor orientation course and pass the final examination. There is an optional 5-day lead assessor course, which most assessors have also completed to qualify as lead auditors. Additionally, senior qualified staff members evaluate assessors on their first assignments and then again one year after initial approval as A2LA assessors. Thereafter, assessors are evaluated every three years. Laboratories being assessed and members of the Accreditation Council also evaluate assessor performance as part of the on-going assessor training and evaluation program.
PROGRAM FEES:	Laboratories pay a fee plus the actual costs of the assessor's on-site assessment. The cost of the on-site assessment is largely dictated by the number of fields, number of test/calibration methods, and the laboratories readiness for the on-site assessment. The A2LA Board of Directors sets the fees. Fee schedules are available.
APPEAL PROCEDURES:	The first appeal is to the Accreditation Council for reconsideration; a second may be made to the Board of Directors.

PUBLICATIONS: A2LA offers a number of publications, including the following: A2LA Directory; A2LA Annual Report; A2LA Fact Sheet; Membership Brochure; Training Brochure; and a periodic newsletter, the *A2LA NEWS*..

LOGO/MARK: A2LA has a registered logo. A copy appears on letterheads. Accredited labs can only use the logo if it appears with the word "accredited" underneath it. Conditions for use of the logo are provided to accredited labs.

PROGRAM AVAILABILITY: Accreditation is available to all U.S. and foreign testing and calibration labs, including private sector and governmental labs. However, foreign labs are encouraged to use the accreditation bodies in their own country.

LISTS/DIRECTORIES: An updated list of accreditation laboratories can be found on the web site at www.a2la.org. A2LA also publishes an annual Directory that includes the scopes of accreditation. It is available free of charge upon request.

PUBLISHED PROCEDURES: A2LA publishes General and Specific Requirements for accreditation.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☒ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing and/or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have an Effective Recordkeeping Processing
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

PROFICIENCY TESTING PROGRAM: Laboratories must participate in programs where they are available. If they cannot find suitable programs, they must provide internal performance-based data. Additionally, laboratories participate in proficiency testing conducted through the regional multilateral agreement groups for APLAC and EA.

GOVERNMENT RECOGNITIONS: Federal: EPA (under the National Lead Laboratory Accreditation Program [NLLAP]; FCC (as an accreditation program for EMC labs); NAVSEA (recognizing equivalence of data produced by government labs with government labs accredited by Naval Shipyard Laboratory Accreditation Program [NSLAP], NIST (under Fastener Quality Act [FQA]); States: Georgia, New Mexico, Texas (for accreditation of drinking water testing labs); Washington (for nonpotable water testing labs).

MUTUAL RECOGNITION ARRANGEMENTS: Current cooperative arrangements include: (1) individual Mutual Recognition Agreement with the Standards Council of Canada [SCC]; and (2) Mutual Recognition Arrangement with the Asia Pacific Laboratory Accreditation Cooperation [APLAC].

DATE RECEIVED: 12/29/98

PROFESSIONAL/TRADE (PT)ORGANIZATION:	American Association of Blood Banks (AABB)
PRIMARY CONTACT:	Jean Otter, MTCASCP SEB, Division Director Standards and Accreditation
ADDRESS:	AABB 8101 Glenbrook Road Bethesda, MD 20814
PHONE: ***FAX:*** ***E-MAIL:***	(301) 215-6571 (301) 907-6895 jean@aabb.org
PROGRAM TITLE:	AABB Accreditation Program.
DESCRIPTION:	The accreditation program promotes the highest standard of care for patients and donors in all aspects of blood banking, transfusion medicine, hematoporetic, cellular and gene therapies and transplantation. This program of continuous improvement offers both educational and peer review assessments.
DATE ESTABLISHED:	1958.
PRODUCTS TESTED: (Categories)	Biological testing and medical.
STANDARDS/ TEST METHODS USED:	Standards may be obtained from the AABB Sales Department.
LABS LISTED/ ACCREDITED:	2100 as of 1998.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation is valid for two years, with renewals every two years.
ASSESSOR STATUS	1000 assessors consisting of a majority of volunteers and a few are contract employees.
ASSESSOR QUALIFICATIONS:	Assessors must have a Bachelor degree and work experience in field within the last three years, understanding of quality management, successful completion of AABB training, perform assessment as a trainee, fulfill continuing education requirements.
ASSESSOR TRAINING:	AABB offers programs, which consist of annual meetings and regional workshops throughout the year.
PROGRAM FEES:	AABB Board of Directors Institutional Members of the AABBA are required to participate in the accreditation program. Fees are incorporated into the dues structure. Non-members are encouraged to participate.
APPEAL PROCEDURES:	Yes.
PUBLICATIONS:	AABB publishes " Accreditation Information Manual," 2nd edition.
LOGO/MARK:	None.
PROGRAM AVAILABILITY:	Program is open to all laboratories, foreign and domestic.
LISTS/DIRECTORIES:	A new directory will be available early 1999.
PUBLISHED PROCEDURES:	ABB publishes procedures in AIM.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
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- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
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- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☒ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: Standards are comparable with ISO 9001.

PROFICIENCY TESTING PROGRAM: Must participate in external proficiency testing appropriate for each testing system in place.

GOVERNMENT RECOGNITIONS: Deemed status with Health Care Financing Administration (HCPA); Equivalency with several states (CT, FL, IL, MA, MD, NJ, TN, WI); and equivalency with USA-VAMC, USN, USAF.

MUTUAL RECOGNITION ARRANGEMENTS: Obtaining mutual recognition from Joint Commission on Accreditation of Health Care Organizations (JCAHO).

DATE RECEIVED: 4/30/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	American Association of State Highway and Transportation Officials (AASHTO); AASHTO Materials Reference Laboratory
PRIMARY CONTACT:	Mr. David Hensing
ADDRESS:	444 N. Capital Street, NW, Suite 225 Washington, DC 20001
PHONE:	(202) 624-5800
FAX:	(202) 624-5806
E-MAIL:	dhensing@aashto.org
URL:	http://www.aashto.org
PROGRAM TITLE:	AASHTO Accreditation Program.
DESCRIPTION:	Provides a mechanism for formally recognizing the competency of testing laboratories to perform specific tests on construction materials. Laboratories may be accredited to either ISO Guide 25 or AASHTO R18. Participation in the AMRL and CCRL Laboratory Inspection and Proficiency Sample Programs are required.
DATE ESTABLISHED:	1988.
PROGRAM SCOPE:	Construction materials.
PRODUCTS TESTED: (Categories)	Asphalt cements, cut-back asphalts, emulsified asphalts, soils, aggregates, bituminous concrete, hydraulic cement, portland cement concrete.
STANDARDS/ TEST METHODS USED:	AAP Procedures Manual may be obtained from AASHTO.
LABS LISTED/ ACCREDITED:	412 as of 3/31/99.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation is valid for one year, may be renewed annually.
ASSESSOR STATUS	19 full-time assessors.
ASSESSOR QUALIFICATIONS:	Assessors must have a 4-year Science or Engineering Degree, 6-month training program, and completed at least 10 assessments under supervision of senior assessor.
ASSESSOR TRAINING:	A 6-month program including technical and quality system aspects is required.
PROGRAM FEES:	There is a program fee, which is set by AASHTO Subcommittee on Materials.
APPEAL PROCEDURES:	Appeal procedures are published in the AAP Procedures Manual published by AASHTO.
PUBLICATIONS:	AAP Procedures Manual is published by AASHTO, and is available through AASHTO.
LOGO/MARK:	AASHTO has a logo, which is a variation of the letters AAP. An application for federal registration has been made.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. Testing, Private Sector, and Government Laboratories, and members of the Association.
LISTS/DIRECTORIES:	AASHTO publishes " AASHTO Accreditation Program - Directory of Accredited Laboratories, and is available through AASHTO.
PUBLISHED PROCEDURES:	Assessment procedures are published in the " AAP Procedures Manual."

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
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- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☒ Must Have A Documented Procurement Process
- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: Laboratories accredited for ISO Guide 25 also meet the requirements of AASHTO R18.

PROFICIENCY TESTING PROGRAM: AMRL and CCRL Proficiency Sample Programs (as appropriate).

GOVERNMENT RECOGNITIONS: Federal Government Agencies: FHWA, FAA State Government Agencies: Various DoT departments.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 1/11/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	American Industrial Hygiene Association (AIHA)
PRIMARY CONTACT:	Fred I. Grunder, CIH, Manager, Laboratory Quality Assurance Programs
ADDRESS:	2700 Prosperity Avenue, Suite 250 Fairfax, VA 22031
PHONE: ***FAX:*** ***E-MAIL:*** ***URL:***	(703) 849-8888 (703) 207-3561 fgrunder@aiha.org http://www.aiha.org.
PROGRAM TITLE:	AIHA Laboratory Quality Assurance Programs.
DESCRIPTION:	Industrial Hygiene Laboratory Accreditation Program for laboratories, which analyze samples to evaluate workplace exposure to chemical hazards; Environmental Lead Laboratory Accreditation Program for laboratories, which conduct analyses for lead in environmental samples; Environmental Microbiology Laboratory Accreditation Program for laboratories specializing in analyses of microorganisms detected in work environment samples; Asbestos Analysts Registry for individuals engaged in the counting and measurement of asbestos in air samples at the job site; Environmental Accreditation for Environmental Labs.
DATE ESTABLISHED:	1973.
PROGRAM SCOPE:	Accredits laboratories for chemical testing.
PRODUCTS TESTED: (Categories)	Occupational health and environmental samples.
STANDARDS/ TEST METHODS USED:	No standards/test methods are published.
LABS LISTED/ ACCREDITED:	579 as of December 10, 1998.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation is valid for three years, with renewals every three years.
ASSESSOR STATUS	Eleven assessors, all contract employees.
ASSESSOR QUALIFICATIONS:	Minimum requirements for all programs: 1) ABA/BS in chemistry or related science; 2) demonstrated knowledge of quality assurance and quality control measures; and 3) understanding of the technical areas for which they are conducting site assessments. Additional requirements are published in policy documents that can be obtained from AIHA.
ASSESSOR TRAINING:	Assessor training is required; initial training is one week, with subsequent annual training of one day.
PROGRAM FEES:	A fee schedule for all programs is available. Fees are set by the AIHA Manager, Laboratory Quality Assurance Programs. The fee schedule is also available through the internet at (http://www.aiha.org), or by calling AIHA.
APPEAL PROCEDURES:	Appeal procedures are outlined in policy documents, which are available from AIHA.
PUBLICATIONS:	AIHA's description of the programs is published in a document entitled, " Laboratory Quality Assurance Programs," which is available from AIHA.
LOGO/MARK:	The program has a logo, but it is not federally registered.
PROGRAM AVAILABILITY:	Program is available to all U.S. private sector and government testing laboratories and to all foreign, private sector and government laboratories.
LISTS/DIRECTORIES:	The following is available in hard copy by request: " IH Accredited Labs List,"

published biannually in the AIHA Journal. Lists are also available on from the internet (http://www.AIHA.org). " Lead Accredited Labs" is available from lead hotline (1-800-424-LEAD).

PUBLISHED PROCEDURES: A published set of requirements is available, upon request, from AIHA.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☒ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☐ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: Lead Accreditation Program complies with EPA National Lead Laboratory Accreditation Program requirements.

PROFICIENCY TESTING PROGRAM: Laboratories must participate in one of the following five proficiency testing programs: Asbestos Analysts Testing; Proficiency Analytical Testing, Bulk Asbestos Proficiency Analytical Testing; Environmental Lead Proficiency Analytical Testing; or Environmental Microbiology Proficiency Analytical Testing.

GOVERNMENT RECOGNITIONS: Federal: Recognized by EPA as a national program for lead analysis; the OSHA Asbestos Standard specifies participation in " NVLAP, AIHA or equivalent." State: Some states specify program.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/17/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	American Institute of Steel Construction, Inc. (AISC)
PRIMARY CONTACT:	Mr. Tom Schlafly, Director of Certification, Fabrication of Safety
ADDRESS:	One East Wacker Drive Chicago, IL 60601
PHONE:	(312) 670-2400
FAX:	(312) 670-5403
E-MAIL:	qualcert@aiscmail.com
URL:	http://www.aisc.org.
PROGRAM TITLE:	AISC Quality Certification Program.
DESCRIPTION:	A quality system-based certification program providing certificates of satisfactory compliance with evaluation criteria for structural steel fabrication facilities, steel erector companies, and metal building manufacturers. Criteria are established by a committee of contractors and steel purchasers. Evaluations are conducted annually by a separate auditing company.
DATE ESTABLISHED:	1976.
PROGRAM SCOPE:	Steel fabrication quality systems/metal building manufacturing and design quality systems; steel erector quality and safety systems.
PRODUCTS TESTED: (Categories)	Structural steel fabrication; structural steel erection; metal building manufacturing.
STANDARDS/ TEST METHODS USED:	The program's requirements and checklists for each category are available from AISC.
LABS LISTED/ ACCREDITED:	450 as of 1999.
ISO/IEC GUIDE 58:	Unfamiliar with ISO/IEC Guide 58 requirements.
VALIDITY/RENEWAL:	Renewal required every three years with annual reviews.
ASSESSOR STATUS	20 contract employee assessors.
ASSESSOR QUALIFICATIONS:	Assessors must be experienced in the industry, with appropriate training. Professional Engineers are used for the metal building program.
ASSESSOR TRAINING:	Private biannual training is provided for pre-qualified contract employees of the auditing company.
PROGRAM FEES:	None.
APPEAL PROCEDURES:	Yes, Appeal procedures are unavailable.
PUBLICATIONS:	None.
LOGO/MARK:	AISC has a logo— the letters QC surround a circle with AISC inscribed.
PROGRAM AVAILABILITY:	Program available to all structural steel fabricators, erectors and metal building manufacturers.
LISTS/DIRECTORIES:	A list is published on the web page shown previously (http://www.aisc.org) and also appears in the December issue of " Modern Steel Construction."
PUBLISHED PROCEDURES:	Published procedures are available from AISC on request.

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☐ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☒ Must have a documented procurement process
- ☐ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☐ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☐ Must Have Adequate Instrumentation Facilities And Equipment
- ☐ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Unfamiliar with ISO/IEC Guide 25 requirements.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: Federal: U.S. Army Core of Engineers.
States: Many state departments of transportation.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 5/4/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	American Oil Chemists Society (AOCS)
PRIMARY CONTACT:	Mr. Richard Cantrill
ADDRESS:	AOCS P.O. Box 3489 Champaign, IL 61826-3489
PHONE: ***FAX:*** ***E-MAIL:*** ***URL:***	(217) 359-2344 (217) 351-8091 rcantrill@aocs.org http://www.aocs.org.
PROGRAM TITLE:	Certified Laboratory Program.
DESCRIPTION:	To provide accredited laboratories the referee analysis of soybean meal required by the National Oilseed Processors Association (NOPA) and other categories of analysis.
DATE ESTABLISHED:	1985.
PROGRAM SCOPE:	Chemical testing and metrology.
PRODUCTS TESTED: ***(Categories)***	Oils, other lipids and associated substances.
STANDARDS/ TEST METHODS USED:	Methods of Analysis for LPP, AOCS and referenced procedures.
LABS LISTED/ ACCREDITED:	130 as of 1998-1999.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Program is valid for one year and is renewed annually.
ASSESSOR STATUS	Voluntary assessors as required.
ASSESSOR QUALIFICATIONS:	Assessors must belong to AOCS Exam Board consisting of five members.
ASSESSOR TRAINING:	No assessor training program is offered.
PROGRAM FEES:	There is a fee to participate, paid annually, and it is set by AOCS. Fee schedules can be obtained by contacting AOCS.
APPEAL PROCEDURES:	If a lab is decertified, they are able to reapply for certification, if the proper criteria are met.
PUBLICATIONS:	Combination check list/application form for Applied Chemist and Certified Lab Programs. Approved Chemist, Membership Directory, AOCS Book of Methods and INFORM. List is updated and published yearly.
LOGO/MARK:	None.
PROGRAM AVAILABILITY:	Program is available to all U.S. Testing Laboratories.
LISTS/DIRECTORIES:	Publications: INFORM, Membership Directory, and Official Book of Methods.
PUBLISHED PROCEDURES:	Check lists/Application forms are published by AOCS.

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☐ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☐ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☐ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: Requirements are comparable to ACC and AOAC. The difference in our program is the fact that we specialize in different areas.

PROFICIENCY TESTING PROGRAM: AOCS - Lab Proficiency Program.

GOVERNMENT RECOGNITIONS: Federal: USDA, FDA. Foreign Governments.

MUTUAL RECOGNITION ARRANGEMENTS: NIOP and NOPA - National Cottonseed Organization, FOFSA - International Organization.

DATE RECEIVED: 1/4/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	The American Petroleum Institute (API)
PRIMARY CONTACT:	Mr. John D. Modine, Manager of Operations
ADDRESS:	1220 L Street, NW Washington, DC 20005
PHONE:	(202) 682-8129
FAX:	(202) 682-8070
E-MAIL:	modinej@api.org
URL:	http://www.api.org/programs_services/petlab
PROGRAM TITLE:	API Petroleum Test Laboratory Accreditation Program (PTLAP).
DESCRIPTION:	PTLAP's objective is to verify the quality of test results from petroleum product testing. PTLAP accredited labs meet API 1512 quality system requirements, ASTM test method requirements, and are controlled and monitored through ASTM's inter-laboratory cross-check program.
DATE ESTABLISHED:	March 1, 1996.
PROGRAM SCOPE:	Chemical testing.
PRODUCTS TESTED: (Categories)	petroleum product testing (gasoline, diesel, JETA, fuel oils).
STANDARDS/ TEST METHODS USED:	" Petroleum Test Laboratory Accreditation Program" - API Standard 1512, First edition, October 1995; and " Petroleum Test Laboratory Accreditation Program (PTLAP)," are published by API.
LABS LISTED/ ACCREDITED:	Five as of December 1998.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Program is valid for three years. Renewals are required every three years.
ASSESSOR STATUS	15 contract assessors.
ASSESSOR QUALIFICATIONS:	Mandatory assessor qualifications are required, but were not specified.
ASSESSOR TRAINING:	No assessor training offered.
PROGRAM FEES:	Program fees apply to members and non-members, and fees are set by API. A Fee schedule is available through API.
APPEAL PROCEDURES:	An appeal procedure exists, but is not specified.
PUBLICATIONS:	" Petroleum Test Laboratory Accreditation Program," API Standard 1512, First edition, October 1995, is published by API.
LOGO/MARK:	API has a logo, and it is registered with the U.S. Trademark Office.
PROGRAM AVAILABILITY:	Program is available to all U.S. Testing, Private Sector, and Government Laboratories; and all Foreign Private Sector and Government Laboratories.
LISTS/DIRECTORIES:	API publishes, " API Petroleum Test Laboratory Accreditation Program Accredited Laboratories."
PUBLISHED PROCEDURES:	API procedures are published in " Petroleum Test Laboratory Accreditation Program," API Standard 1512, First edition, October 1995.

LABORATORY ASSESSMENT CRITERIA:

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- ☒ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☒ Must Have A Documented Procurement Process
- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: API 1512, ISO Guide 25.

PROFICIENCY TESTING PROGRAM: ASTM Cross-check Program.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/1/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	American Society of Crime Laboratory Directors/Laboratory Accreditation Board (ASCLD/LAB)
PRIMARY CONTACT:	Mr. Ralph M. Keaton, Executive Secretary
ADDRESS:	146 Nicklaus Drive Garner, NC 27529
PHONE:	(919) 773-2600
FAX:	(919) 772-2602
E-MAIL:	ascld-lab@mindcpring.com
PROGRAM TITLE:	Forensic Laboratory Accreditation Program.
DESCRIPTION:	Accreditation of Forensic Laboratories.
DATE ESTABLISHED:	May 1982.
PROGRAM SCOPE:	Forensic Laboratories (crime laboratories).
PRODUCTS TESTED: (Categories)	Forensic type materials/products.
STANDARDS/ TEST METHODS USED:	An accreditation manual with standards is available from Executive Secretary.
LABS LISTED/ ACCREDITED:	182 as of April 1999.
ISO/IEC GUIDE 58:	Program does not conform to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation valid for five years, renewals every five years.
ASSESSOR STATUS	Approximately 300 part-time assessors, some volunteers (expenses paid).
ASSESSOR QUALIFICATIONS:	Assessors must be trained and certified, must have forensic expertise, and be in a supervisory capacity.
ASSESSOR TRAINING:	A 2 ½ day classroom program and mock inspection exercise is required.
PROGRAM FEES:	None.
APPEAL PROCEDURES:	Decisions can be appealed to the delegate assembly (body of directors of accredited labs).
PUBLICATIONS:	ASCLD/LAB Accreditation Manual.
LOGO/MARK:	ASCLD/LAB has a Federally trademarked logo.
PROGRAM AVAILABILITY:	All crime laboratories throughout the world.
LISTS/DIRECTORIES:	ASCLD/LAB publishes a list of all ASCLD/LAB accredited labs.
PUBLISHED PROCEDURES:	ASCLD/LAB publishes a set of requirements for accreditation and can be obtained from the Executive Secretary of ASCLD/LAB.

LABORATORY ASSESSMENT CRITERIA:

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- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☐ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☒ Must Have A Documented Procurement Process
- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: Examiners must participate in program testing using ASCLD/LAB approved program testing providers on an annual basis.

GOVERNMENT RECOGNITIONS: Program is recognized by Federal, State, and local agencies, U.S. Legislature, NATA of Australia, and other foreign countries.

MUTUAL RECOGNITION ARRANGEMENTS: MOU with NATA Australia.

DATE RECEIVED: 6/16/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Associated Laboratories, Inc.
PRIMARY CONTACT:	Mr. John G. Smith, President
ADDRESS:	P.O. Box 152837 Dallas, TX 75315
PHONE: ***FAX:*** ***E-MAIL:***	(214) 565-0593 (214) 565-1094 john@assoc-labs.com
PROGRAM TITLE:	A-L-I Certification Programs.
DESCRIPTION:	Window and door certification, sealed insulating glass certification, carpet certification, and carpet cushion certification.
DATE ESTABLISHED:	1966.
PRODUCTS TESTED: ***(Categories)***	windows, doors, sealed insulating glass, carpet, and carpet cushion.
STANDARDS/ TEST METHODS USED:	ALI publishes a list of standards which can be obtained through ALI.
LABS LISTED/ ACCREDITED:	25 as of June 1999.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Program is valid for two years, renewals every two years.
ASSESSOR STATUS	1 full-time assessor.
ASSESSOR QUALIFICATIONS:	There are no mandatory assessor qualifications required.
ASSESSOR TRAINING:	There is no assessor training offered.
PROGRAM FEES:	There are fees for the program, and the fee is set by Associated Laboratories, Inc. A fee schedule may be obtained through ALI.
APPEAL PROCEDURES:	There is an appeal procedure, but the procedure varies per program.
PUBLICATIONS:	Certification Program Procedural Guides are available.
LOGO/MARK:	ALI has a Federally registered logo.
PROGRAM AVAILABILITY:	Program is available to all U.S. Private Sector Laboratories, and all Foreign Private Sector Laboratories.
LISTS/DIRECTORIES:	Each certification program has its own directory.
PUBLISHED PROCEDURES:	ALI publishes a set of procedures, which are available through Associated Laboratories, Inc.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
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- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
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- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☒ Must Attend Program Laboratory Workshops/Conferences
- ☒ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: Actual calibrations are performed during the on-site inspections.

GOVERNMENT RECOGNITIONS: HUD.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/21/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC International)
PRIMARY CONTACT:	John G. Miller, D.V.M., Executive Director
ADDRESS:	11300 Rockville Pike Suite 1211 Rockville, MD 20852-3035
PHONE:	(301) 231-5353
FAX:	(301) 231-8282
E-MAIL:	jmiller@aaalac.org.
URL:	http://www.aaalac.org.
PROGRAM TITLE:	Laboratory Animal Care Facilities Accreditation.
DESCRIPTION:	A system for the accreditation of laboratory animal care facilities and programs concerned with: encouraging high standards for the care and use of laboratory animals; including appropriate veterinary care; controlling variables that might adversely affect animal research; and protecting the health of animal research workers.
DATE ESTABLISHED:	1965.
PROGRAM SCOPE:	Accredits laboratories for biological testing.
PRODUCTS TESTED: ***(Categories)***	Drugs, medicines, veterinary and medical products (tested by institutions AAALAC accredits - not by AAALAC, *per se*.
STANDARDS/ TEST METHODS USED:	" Guide for the Care and Use of Laboratory Animals," National Research Council 1996.
LABS LISTED/ ACCREDITED:	627 laboratories as of 6/14/99.
ISO/IEC GUIDE 58:	Does not conform.
VALIDITY/RENEWAL:	Three years, with an annual report required and site revisits conducted every three years.
ASSESSOR STATUS	Thirty members of the Council on Accreditation. Elected by the Board of Trustees - small honorarium plus expenses paid. Note: Also maintain pool of over 100 ad hoc Consultants.
ASSESSOR QUALIFICATIONS:	No mandatory assessor qualifications.
ASSESSOR TRAINING:	Ad hoc Consultants are " trained" through participation in the on-site visits with council members.
PROGRAM FEES:	There is a fee to participate, which is set by the AAALAC Council. These fee schedules can be obtained from the AAALAC Executive Director.
APPEAL PROCEDURES:	Appeal procedures may be made through the Council to the Board of Trustees.
PUBLICATIONS:	AAALAC publishes brochures, a newsletter entitled " CONNECTION," and lists of accredited laboratories by group classification.
LOGO/MARK:	None.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. and foreign facilities.
LISTS/DIRECTORIES:	" Directory of Accredited Programs" (also on web site).
PUBLISHED PROCEDURES:	Procedures are published, and can be obtained from AAALAC Associate Director (also on web site).

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
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- ☒ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
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- ☒ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Not comparable.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: Federal: USDA (Animal protection program); DHHS (Public Health Service).

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/14/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Association of North American Independent Laboratories for Protective Equipment Testing (ANAIL)
PRIMARY CONTACT:	Peter Senin
ADDRESS:	c/o Burlington Safety Laboratory 2009 Route 130 Burlington, NJ 08016-1402
PHONE: ***FAX:*** ***E-MAIL:***	(609) 387-3404 (609) 387-3406 rubbergly@aol.com
PROGRAM TITLE:	Laboratory Accreditation Program.
DESCRIPTION:	A program to assure conformity to standards promulgated by ASTM/ANSI/IEC covering electrical testing equipment for workers.
DATE ESTABLISHED:	1981.
PROGRAM SCOPE:	Electrical testing.
PRODUCTS TESTED: ***(Categories)***	Electrical protective equipment for workers, i.e. rubber insulating gloves, blankets, sleeves, footwear, flame resistant clothing, lifeline tools, aerial lift trucks.
STANDARDS/ TEST METHODS USED:	ANAIL publishes a list of test methods, which is available from ANAIL.
LABS LISTED/ ACCREDITED:	34 as of 5/31/99.
ISO/IEC GUIDE 58:	Unfamiliar with the requirements of this Guide.
VALIDITY/RENEWAL:	Accreditation is valid for 2 years. Inspections are conducted 3 times during this period. Renewals are required every 3 years.
ASSESSOR STATUS	One part-time assessor, and one consultant retained by the Association.
ASSESSOR QUALIFICATIONS:	Assessors must demonstrate knowledge of electrical standards and have an electrical engineering background.
ASSESSOR TRAINING:	There is no assessor training offered.
PROGRAM FEES:	There is a fee, which is set by the Association's Accreditation Committee. A fee schedule can be obtained from ANAIL.
APPEAL PROCEDURES:	There are appeal procedures, which are published in the Association's by-laws.
PUBLICATIONS:	ANAIL publishes a description of its program, which is available from ANAIL.
LOGO/MARK:	ANAIL has a logo, which is the words NAIL for PET.
PROGRAM AVAILABILITY:	Program is available to members of the Association.
LISTS/DIRECTORIES:	A Directory is available from the Association office.
PUBLISHED PROCEDURES:	Assessment procedures are published and a copy may be obtained from the Association office.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
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- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
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- ☒ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Unfamiliar with the requirements of the Guide.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 7/22/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	ASTM Test Monitoring Center
PRIMARY CONTACT:	Mr. John L. Zalar, Administrator
ADDRESS:	6555 Penn Avenue Pittsburgh, PA 15206
PHONE:	(412) 365-1000
FAX:	(412) 365-1047
E-MAIL:	jlz@TMC.ASTM.CMRI.CMU.EOU
URL:	http://www.TMC.ASTM.CMRI.CMU.EOU
PROGRAM TITLE:	ASTM Test Monitoring System.
DESCRIPTION:	Calibration of laboratories conducting lubricant and fuel test methods. Storage and distribution of reference materials used to demonstrate calibration.
DATE ESTABLISHED:	1976.
PROGRAM SCOPE:	Accredits laboratories for chemical and mechanical testing.
PRODUCTS TESTED: (Categories)	Petroleum refinery products.
STANDARDS/ TEST METHODS USED:	Standards and test methods not published by TMC.
LABS LISTED/ ACCREDITED:	15 as of July 1999.
ISO/IEC GUIDE 58:	Unfamiliar with the Guide's requirements.
VALIDITY/RENEWAL:	Approval term varies by test method. Renewals also vary by test method.
ASSESSOR STATUS	5 full-time assessors.
ASSESSOR QUALIFICATIONS:	There are no mandatory assessor qualifications.
ASSESSOR TRAINING:	Assessors are trained by testing laboratories.
PROGRAM FEES:	Laboratories pay a fee. Fees are set by ASTM's Test Monitoring Board. A fee schedule is not available.
APPEAL PROCEDURES:	Appeal procedures are published in the ASTM By-laws.
PUBLICATIONS:	There are no publications describing ASTM's TMC program.
LOGO/MARK:	Program has no logo or mark.
PROGRAM AVAILABILITY:	Program is available to all U.S. private sector and government laboratories, all foreign private sector and government laboratories, and members of ASTM.
LISTS/DIRECTORIES:	There are no published lists or directories of laboratories.
PUBLISHED PROCEDURES:	Requirements are specific to each test method and are published in the test procedure.

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
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- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☐ Must Have An Effective Quality System
- ☐ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☐ Must Have A Document Control System
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- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☒ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Unfamiliar with the Guide's requirements.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: The entire program is based on testing of reference materials.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 5/25/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Automotive Manufacturers Equipment Compliance Agency (AMECA)
PRIMARY CONTACT:	Mr. George E. Walton, Executive Director
ADDRESS:	1101 15th Street, NW, Suite 607 Washington, DC 20005
PHONE: ***FAX:***	(202) 898-0145 (202) 898-0148
PROGRAM TITLE:	Laboratory Accreditation and Equipment Compliance.
DESCRIPTION:	The AMECA program is designed to notify government, industry, and the general public about items of motor vehicle safety equipment that have been tested by AMECA and found to be in compliance with applicable U.S. standards.
DATE ESTABLISHED:	1967.
PROGRAM SCOPE:	Accredits laboratories for acoustics and vibration, chemical, electrical, mechanical, nondestructive, optics and photometry, and thermal testing.
PRODUCTS TESTED: ***(Categories)***	Motor vehicle-related products tested by AMECA include: lighting equipment; auxiliary lighting equipment; glazing materials; and specific safety equipment.
STANDARDS/ TEST METHODS USED:	AMECA publishes a list of standards/test methods used in the program. The list is available from AMECA. The list includes: FMVSS; SAE; ANSI; and various state standards.
LABS LISTED/ ACCREDITED:	66 as of June 1, 1999.
ISO/IEC GUIDE 58:	Program does not conform to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation is valid for two years, with renewals every two years.
ASSESSOR STATUS	2 full-time assessors.
ASSESSOR QUALIFICATIONS:	Assessors are required to have an appropriate degree and experience.
ASSESSOR TRAINING:	AMECA provides training for assessors, which includes an orientation and audit experience.
PROGRAM FEES:	Fees for accreditation include a base audit fee plus prorated expenses. For a compliance notice for equipment, the fee is set based on the type of product. The fees are set by AMECA administration.
APPEAL PROCEDURES:	There is an administrative review procedure, which is available from AMECA.
PUBLICATIONS:	AMECA publishes the " Manufacturers Guide for Safety Equipment Compliance Services" and the " List of Acceptable Plastics for Optical Lenses and Reflectors Used on Motor Vehicles," as well as other general information.
LOGO/MARK:	AMECA has a logo, which is not federally registered.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. private sector and government testing laboratories, as well as foreign private sector and government testing laboratories.
LISTS/DIRECTORIES:	AMECA publishes a " Listing of AMECA Accredited Laboratories," which is available from AMECA on request.
PUBLISHED PROCEDURES:	Requirements for the program are contained in the " Manufacturers Guide for Safety Equipment Compliance Services" available from AMECA.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☒ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☐ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☐ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Maintain Other Or Related Accreditations/Approvals
- ☐ Must Attend Program Laboratory Workshops/Conferences

ISO/IEC GUIDE 25: Unfamiliar with the Guide's requirements.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: Federal: Serves as Agent for the U.S. General Services Administration (GSA) for emergency lighting and sirens for ambulances; serves as Agent for many states by agreement.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 12/28/98

PROFESSIONAL/TRADE (PT)ORGANIZATION:	BOCA International Evaluation Services (BOCA-ES)
PRIMARY CONTACT:	Tom Frost, AIA, Executive Director
ADDRESS:	4051 W. Flossmoor Road Country Club Hills, IL 60478-5795
PHONE: ***FAX:*** ***E-MAIL:***	(708) 799-2305 (708) 799-0310 tfrost@bocai.org
PROGRAM TITLE:	BOCA International Evaluation Services.
DESCRIPTION:	Evaluates construction products, methods, testing and inspection agencies for compliance with the BOCA National Codes, as well as the International Codes promulgated by the International Code Council (ICC).
DATE ESTABLISHED:	1950.
PROGRAM SCOPE:	Accredits laboratories for chemical, construction materials, electrical, mechanical, nondestructive and thermal testing referenced in model construction codes.
PRODUCTS TESTED: ***(Categories)***	Construction products include: plumbing, mechanical, electrical, fire protection and structural products.
STANDARDS/ TEST METHODS USED:	BOCA National Codes and International Codes published by ICC.
LABS LISTED/ ACCREDITED:	6 labs evaluated as of 12/21/98.
ISO/IEC GUIDE 58:	Program does not conform to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Approvals are valid for indefinite terms. There are annual applications for renewals.
ASSESSOR STATUS	9 full-time assessors.
ASSESSOR QUALIFICATIONS:	Assessors must have either an architectural or engineering degree.
ASSESSOR TRAINING:	Assessors receive general training on code requirements and evaluation policies and procedures.
PROGRAM FEES:	There is a fee to participate, which is set by BOCA-ES. A fee schedule may be obtained from BOCA.
APPEAL PROCEDURES:	All actions are subject to an appeal process. Information on the process is available from BOCA.
PUBLICATIONS:	BOCA publishes: " National Product Evaluation Listing" which includes " Division 01 - General Requirements for 01410 Testing Laboratories;" and a brochure " Benefits of BOCA Evaluation Services."
LOGO/MARK:	BOCA has a logo and has applied for federal registration.
PROGRAM AVAILABILITY:	Program is available to all U.S. private sector and government laboratories, all foreign private sector and government laboratories, and members of BOCA.
LISTS/DIRECTORIES:	BOCA publishes a list of laboratories which may be obtained from BOCA.
PUBLISHED PROCEDURES:	Procedures are published in the 1996 BOCA National Building Code, available from BOCA.

LABORATORY ASSESSMENT CRITERIA:	☒	Must Be A Legal Entity
	☐	Must Be Financially Stable
	☒	Must Be Independent Of Manufacturers/Suppliers Of Products
	☒	Must Have An Effective Quality System
	☒	Must Have Procedures To Prevent Conflicts-Of-Interest
	☒	Must Have A Document Control System
	☒	Must Have A Contract Review Process
	☒	Must Have Procedures For Sub-Contracting Tests And Calibrations
	☒	Must Have A Documented Procurement Process
	☐	Must Have A Complaints/Appeals Process
	☒	Must Have A System To Control Nonconforming Testing And/Or Calibration Work
	☒	Must Have A Corrective/Preventive Action Process
	☒	Must Have An Effective Recordkeeping Process
	☐	Must Have Documented Record Retention Requirements
	☒	Must Conduct Internal Audits Of Its Quality System
	☒	Laboratory Management Must Review Results Of Internal Audits
	☒	Must Have Qualified Personnel
	☐	Laboratory Measurements Must Be Traceable To National Standards
	☒	Must (Where Applicable) Use Effective Sampling Techniques
	☒	Must Have A Process For Handling/Transport Of Test/Calibration Items
	☐	Must Participate In A Proficiency Testing Program
	☒	Must Have Adequate Instrumentation Facilities And Equipment
	☐	Must Ensure Adequate Equipment Maintenance/Calibration
	☐	Must Attend Program Laboratory Workshops/Conferences
	☐	Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Unfamiliar with Guide's requirements.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: None.

MUTUAL RECOGNITION ARRANGEMENTS: None provided.

DATE RECEIVED: 6/11/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Cement and Concrete Reference Laboratory (CCRL) (this program is primarily an inspection program) Management of this program was recently transferred to ASTM, though it will continue to operate on the NIST campus.
PRIMARY CONTACT:	Mr. James H. Pielert, CCRL Manager
ADDRESS:	NIST 100 Bureau Drive, Stop 8622 Gaithersburg, MD 20899-8622
PHONE:	(301) 975-6704
FAX:	(301) 330-1956
E-MAIL:	jpielert@nist.gov
URL:	http://www.bfrl.nist.gov/862/ccrl/front.htm
PROGRAM TITLE:	Cement and Concrete Reference Laboratory.
DESCRIPTION:	The four primary functions of the CCRL are: (1) conducting on-site inspections of apparatus and procedures used in the testing of cement, concrete, aggregates, reinforcing steel and pozzolans; (2) distributing proficiency testing samples; (3) studying testing problems; and (4) participating in the work of technical committees. CCRL does not accredit laboratories, but its on-site inspection, and proficiency sample programs are used by laboratory accreditation organizations.
DATE ESTABLISHED:	1929.
PROGRAM SCOPE:	Accredits laboratories for construction materials, though accreditation process is closer to an inspection process.
PRODUCTS TESTED: (Categories)	Cement, concrete, aggregates, reinforcing steel, and pozzolans.
STANDARDS/ TEST METHODS USED:	ASTM methods are used. A list of these methods can be obtained from CCRL.
LABS LISTED/ ACCREDITED:	765 as of January 1, 1999.
ISO/IEC GUIDE 58:	Program does not conform to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	This is an on-going inspection program with no set termination dates.
ASSESSOR STATUS	11 full-time assessors.
ASSESSOR QUALIFICATIONS:	No mandatory requirements.
ASSESSOR TRAINING:	A six-month training program is required. Must complete 20 assessments accompanied by senior assessor.
PROGRAM FEES:	There are fees to participate. Fees are set by ASTM C1/C9 Subcommittee on the CCRL. A fee schedule may be obtained from CCRL.
APPEAL PROCEDURES:	Not applicable.
PUBLICATIONS:	NIST LC 1044 Cement and Concrete Reference Laboratory and NIST LC.
LOGO/MARK:	None, but acronym " CCRL" is widely used.
PROGRAM AVAILABILITY:	Inspection available to all laboratories, private sector and government in the United States, Mexico and Canada.
LISTS/DIRECTORIES:	A list is not published.
PUBLISHED PROCEDURES:	NIST Letter Circular 1133.

LABORATORY ASSESSMENT CRITERIA:	☐ Must Be A Legal Entity ☐ Must Be Financially Stable ☐ Must Be Independent Of Manufacturers/Suppliers Of Products ☐ Must Have An Effective Quality System ☐ Must Have Procedures To Prevent Conflicts-Of-Interest ☐ Must Have A Document Control System ☐ Must Have A Contract Review Process ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations ☐ Must Have A Documented Procurement Process ☐ Must Have A Complaints/Appeals Process ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work ☐ Must Have A Corrective/Preventive Action Process ☐ Must Have An Effective Recordkeeping Process ☐ Must Have Documented Record Retention Requirements ☐ Must Conduct Internal Audits Of Its Quality System ☐ Laboratory Management Must Review Results Of Internal Audits ☐ Must Have Qualified Personnel ☐ Laboratory Measurements Must Be Traceable To National Standards ☐ Must (Where Applicable) Use Effective Sampling Techniques ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items ☐ Must Participate In A Proficiency Testing Program ☐ Must Have Adequate Instrumentation Facilities And Equipment ☐ Must Ensure Adequate Equipment Maintenance/Calibration ☐ Must Attend Program Laboratory Workshops/Conferences ☐ Must Maintain Other Or Related Accreditations/Approvals
ISO/IEC GUIDE 25:	Not comparable to ISO/IEC Guide 25.
OTHER COMPARABILITY:	ASTM C1077 for Concrete Testing Laboratories and ASTM C1222 for Cement Testing Laboratories.
PROFICIENCY TESTING PROGRAM:	CCRL does not accredit labs, though some of its activities are used in other accreditation programs.
GOVERNMENT RECOGNITIONS:	None.
MUTUAL RECOGNITION ARRANGEMENTS:	No.

DATE RECEIVED: 6/24/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Council on Economic Priorities and Accreditation Agency (CEPAA) (This is primarily a certification/certifier accreditation type program)
PRIMARY CONTACT:	Ms. Eileen Kohl Kaufman, Executive Director
ADDRESS:	30 Irving Place New York, New York 10003
PHONE: ***FAX:*** ***E-MAIL:*** ***URL:***	(212) 358-7697 (212) 358-7723 info@cepaa.org http://www.cepaa.org
PROGRAM TITLE:	SA8000 Accreditation.
DESCRIPTION:	Accreditation to audit for conformance to SA8000 (Social Accountability 8000).
DATE ESTABLISHED:	1969.
PROGRAM SCOPE:	Accreditation of company and individuals to perform inspection audits to the requirements of SA8000 Social Accountability Standard.
PRODUCTS TESTED: *(Categories)*	Mechanical and chemical.
STANDARDS/ TEST METHODS USED:	Standards are published in " SA 8000," which can be obtained from CEPAA.
LABS LISTED/ ACCREDITED:	3 as of June 1999.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 61.
VALIDITY/RENEWAL:	Accreditation is valid for three years, with surveillance audits scheduled every 6 months.
ASSESSOR STATUS	5 contract assessors.
ASSESSOR QUALIFICATIONS:	Assessors must have quality and social conditioning training.
ASSESSOR TRAINING:	Assessors receive a four day course of training.
PROGRAM FEES:	There is a fee to participate. CEPAA sets the fee. A fee schedule may be obtained from CEPAA.
APPEAL PROCEDURES:	There are appeal procedures.
PUBLICATIONS:	Standard SA8000 and a program description is available from CEPAA.
LOGO/MARK:	CEPAA has a logo.
PROGRAM AVAILABILITY:	Any organization satisfying accreditation requirements: ISO Guide 61 and CEPAA Guideline 150.
LISTS/DIRECTORIES:	A directory of laboratories is published on the internet at (http://www.cepaa.org).
PUBLISHED PROCEDURES:	There is a published set of requirements for accreditation, and this publication may be obtained from CEPAA.

LABORATORY ASSESSMENT CRITERIA:	☒ Must Be A Legal Entity ☒ Must Be Financially Stable ☒ Must Be Independent Of Manufacturers/Suppliers Of Products ☒ Must Have An Effective Quality System ☒ Must Have Procedures To Prevent Conflicts-Of-Interest ☒ Must Have A Document Control System ☒ Must Have A Contract Review Process ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations ☒ Must Have A Documented Procurement Process ☒ Must Have A Complaints/Appeals Process ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work ☒ Must Have A Corrective/Preventive Action Process ☒ Must Have An Effective Recordkeeping Process ☒ Must Have Documented Record Retention Requirements ☒ Must Conduct Internal Audits Of Its Quality System ☐ Laboratory Management Must Review Results Of Internal Audits ☒ Must Have Qualified Personnel ☐ Laboratory Measurements Must Be Traceable To National Standards ☐ Must (Where Applicable) Use Effective Sampling Techniques ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items ☐ Must Participate In A Proficiency Testing Program ☐ Must Have Adequate Instrumentation Facilities And Equipment ☐ Must Ensure Adequate Equipment Maintenance/Calibration ☐ Must Attend Program Laboratory Workshops/Conferences ☐ Must Maintain Other Or Related Accreditations/Approvals
ISO/IEC GUIDE 25:	Unfamiliar with Guide's requirements.
OTHER COMPARABILITY:	Requirements are comparable to ISO Guide 61 and CEPAA Guideline 150.
PROFICIENCY TESTING PROGRAM:	Accreditation process and surveillance process includes witnessed audits.
GOVERNMENT RECOGNITIONS:	None.
MUTUAL RECOGNITION ARRANGEMENTS:	None.

DATE RECEIVED: 6/28/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	IAPMO Research and Testing, Inc.
PRIMARY CONTACT:	Sr. Director of Research and Testing
ADDRESS:	20001 Walnut Drive South Walnut, CA 91789
PHONE: ***FAX:*** ***E-MAIL:***	(909) 595-8449 (909) 594-3690 moinian@iampo.org
PROGRAM TITLE:	Laboratory Listing.
DESCRIPTION:	Listing of laboratories conforming to ISO/IEC Guide 25 and internal quality system requirements.
DATE ESTABLISHED:	1995.
PROGRAM SCOPE:	Accredits laboratories for chemical, mechanical, thermal, and plumbing testing.
PRODUCTS TESTED: ***(Categories)***	Plumbing fixtures and components, motor homes and recreational vehicle plumbing, swimming pools and spas.
STANDARDS/ TEST METHODS USED:	IAPMO publishes " IAPMO Research & Testing - Policy & Procedures."
LABS LISTED/ ACCREDITED:	34 as of June 1999.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation is valid for one year with annual renewals required.
ASSESSOR STATUS	5 assessors, consisting of some full-time and some contract assessors.
ASSESSOR QUALIFICATIONS:	Assessors are required to have experience in the engineering field or equivalent; must be familiar with ISO/IEC Guide 25; and have experience in auditing.
ASSESSOR TRAINING:	An assessor training program is provided by IAPMO.
PROGRAM FEES:	There is a fee to participate. Fees are set by the Director of Research and Testing. A fee schedule is available from IAPMO.
APPEAL PROCEDURES:	There is an appeal procedure, which can be obtained from IAPMO.
PUBLICATIONS:	None.
LOGO/MARK:	None.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. private sector and government laboratories, all foreign private sector and government laboratories, and to members of the Association.
LISTS/DIRECTORIES:	A published list of laboratories may be obtained from IAMPO.
PUBLISHED PROCEDURES:	IAPMO publishes " IAPMO Research & Testing - Policy & Procedures."

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☒ Must Be Financially Stable
- ☒ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☒ Must Have A Documented Procurement Process
- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☒ Must Attend Program Laboratory Workshops/Conferences
- ☒ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: None reported.

PROFICIENCY TESTING PROGRAM: Laboratories must participate in a proficiency testing program in accordance with ISO/IEC Guide 25.

GOVERNMENT RECOGNITIONS: Not applicable.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 1/25/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	ICBO Evaluation Service, Inc. (ICBO)
PRIMARY CONTACT:	C. P. Ramani, P.E., Vice President for Administration and Field Services
ADDRESS:	5360 Workman Mill Road Whittier, California 90601-2298
PHONE:	(562) 699-0543
FAX:	(562) 695-4694
E-MAIL:	es@icbo.org
URL:	http://www.icbo.org/ICBO_ES
PROGRAM TITLE:	ICBO Evaluation Service Laboratory Accreditation Program.
DESCRIPTION:	Laboratories are accredited to perform tests on building products, components, and systems. Program is based on international standards (ISO/IEC Guides 25 and 58) and involves on-site assessments and monitoring of participating laboratories.
DATE ESTABLISHED:	1977.
PROGRAM SCOPE:	Accredits laboratories for acoustic and vibration, electrical, mechanical, nondestructive, thermal, structural, and fire testing.
PRODUCTS TESTED: *(Categories)*	Building products, building components, and building systems.
STANDARDS/ TEST METHODS USED:	ICBO ES Acceptance Criteria, which are available on the ICBO ES website.
LABS LISTED/ ACCREDITED:	80 as of January 15, 1999.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Approval is valid for an initial one year period, with renewals every one or two years, at applicant's option.
ASSESSOR STATUS	4 full-time assessors, and 3-6 contract assessors.
ASSESSOR QUALIFICATIONS:	Lead-assessor training by an internationally recognized training organization; specialized training on ISO/IEC Guide 25; successful participation in an assessment observed by an experienced assessor; past training and experience indicating ability to perform the job.
ASSESSOR TRAINING:	Internationally recognized bodies provide training to ICBO ES Assessors on contract.
PROGRAM FEES:	There is a fee for the program, which is set by the Board of Directors. A fee schedule may be obtained from ICBO.
APPEAL PROCEDURES:	ICBO has appeal procedures, which are outlined in " Rules of Procedure for Hearings" in the section " Concerning Revocation or Modification of Evaluation Reports and Listings."
PUBLICATIONS:	Publications include " ICBO Evaluation Service" and " Rules of Procedure for Laboratory Accreditation," and " Acceptance Criteria for Laboratory Accreditation (AC89)."
LOGO/MARK:	ICBO does not have a logo.
PROGRAM AVAILABILITY:	Program is available to all U.S. private sector and government laboratories, and all foreign private sector and government laboratories.

LISTS/DIRECTORIES: " Index of Evaluation Reports" and " Field Index of Evaluation Reports" are available from ICBO ES.

PUBLISHED PROCEDURES: Procedures are published in " Acceptance Criteria for Laboratory Accreditation (AC89)."

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☒ Must Be Financially Stable
- ☒ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☒ Must Have A Documented Procurement Process
- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: None stated.

PROFICIENCY TESTING PROGRAM: Manager of our Laboratory Accreditation Program will choose appropriate proficiency testing programs. If a laboratory's results are outside acceptable limits, it must investigate the reason and provide corrective action.

GOVERNMENT RECOGNITIONS: Yes, by more than 2800 state and local government jurisdictions from Indiana and Michigan westward, including Hawaii, Alaska, and U.S. territories in the Pacific and the Caribbean.

MUTUAL RECOGNITION ARRANGEMENTS: Membership is pending in the MRA for Asia Pacific Laboratory Accreditation Cooperation (APLAC).

DATE RECEIVED: 6/12/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Insulating Glass Certification Council (IGCC)
PRIMARY CONTACT:	Mr. John G. Ken, Administrative Manager
ADDRESS:	P.O. Box 9 Henderson Harbor, NY 13651
PHONE:	(315) 938-7444
FAX:	(315) 938-7453
E-MAIL:	jgkent@gisco.net
URL:	http://www.igcc.org
PROGRAM TITLE:	Insulating Glass Certification Council Certification Program for Seal Durability of Insulating Glass Units.
DESCRIPTION:	IGCC approves testing laboratories, which provide necessary testing services in connection with certification program for insulating glass units.
DATE ESTABLISHED:	1977.
PROGRAM SCOPE:	Accredits laboratories for chemical and mechanical testing.
PRODUCTS TESTED: (Categories)	Glass and glass products.
STANDARDS/ TEST METHODS USED:	The certification program testing uses ASTM E773 and ASTM E774.
LABS LISTED/ ACCREDITED:	7 laboratories.
ISO/IEC GUIDE 58:	Unfamiliar with ISO/IEC Guide 58 requirements.
VALIDITY/RENEWAL:	Labs are " re-audited" once every 2 years, approval continues as long as program requirements continue to be met.
ASSESSOR STATUS	1 assessor on a contract basis.
ASSESSOR QUALIFICATIONS:	Assessor requirements are based on experience in specific fields of laboratory testing.
ASSESSOR TRAINING:	There is no specific assessor training.
PROGRAM FEES:	No fee to laboratories.
APPEAL PROCEDURES:	Approvals can be appealed. A procedure and committee exists to address such issues.
PUBLICATIONS:	*Certified Products Directory (CPD)* and *Procedural Guide*.
LOGO/MARK:	IGCC has a federally registered logo.
PROGRAM AVAILABILITY:	Program is available to all U.S. private sector and government laboratories, and all foreign private sector and government laboratories. They must be independent of a participating producer.
LISTS/DIRECTORIES:	The list of approved laboratories is in the back of the *Certified Products Directory*, published every six months and available upon request.
PUBLISHED PROCEDURES:	There is an audit checklist for laboratory approval.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☒ Must Be Financially Stable
- ☒ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☐ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☐ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☐ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☐ Must Have Adequate Instrumentation Facilities And Equipment
- ☐ Must Ensure Adequate Equipment Maintenance/Calibration
- ☒ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Compliance not specifically required.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: Federal: Department of Housing and Urban Development.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 5/14/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	International Electrical Testing Association (NETA) (Certifies laboratory personnel, not the facilities.)
PRIMARY CONTACT:	Mary R. Jordan, Ed.D.
ADDRESS:	P.O. Box 687 Morrison, CO 80465
PHONE:	(303) 697-8441
FAX:	(303) 697-8431
E-MAIL:	neta@netaworld.org
URL:	http://www.netaworld.org
PROGRAM TITLE:	Certification of Electrical Testing Personnel.
DESCRIPTION:	NETA certifies the company as well as the individual. Thus NETA assures the end-user of the qualifications of the company, as well as the competence of the individual technician.
DATE ESTABLISHED:	1973.
PROGRAM SCOPE:	Accredits laboratories for electrical testing personnel.
PRODUCTS TESTED: (Categories)	Personnel for electrical products testing.
STANDARDS/ TEST METHODS USED:	Not applicable.
LABS LISTED/ ACCREDITED:	Certifies laboratory personnel, not facilities.
ISO/IEC GUIDE 58:	Unfamiliar with the Guide's requirements.
VALIDITY/RENEWAL:	Accreditation is valid for one year, and renewable annually.
ASSESSOR STATUS	Not applicable.
ASSESSOR QUALIFICATIONS:	Not applicable.
ASSESSOR TRAINING:	Not applicable.
PROGRAM FEES:	Not applicable.
APPEAL PROCEDURES:	There are appeal procedures. A copy may be obtained from NETA.
PUBLICATIONS:	Not applicable.
LOGO/MARK:	NETA has a logo.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. testing laboratory personnel.
LISTS/DIRECTORIES:	NETA publishes " Profile of Electrical Testing Technicians (ETT).
PUBLISHED PROCEDURES:	Assessment procedures are published by NETA and may be obtained from NETA.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☒ Must Be Financially Stable
- ☒ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☐ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☐ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☐ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☒ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Unfamiliar with Guide's requirements.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/12/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Kitchen Cabinet Manufacturers Association (KCMA)
PRIMARY CONTACT:	Mr. C. Richard Titus, Executive Vice President
ADDRESS:	1899 Preston White Drive Reston, VA 20191-5435
PHONE:	(703) 264-1690
FAX:	(703) 620-6530
E-MAIL:	dtitus@kcmg.org
URL:	http://www.kcma.org
PROGRAM TITLE:	KCMA Certification Program.
DESCRIPTION:	Program approves laboratories that may be used by the manufacturers of certified products to demonstrate product conformance to the voluntary standards used in the certification program, through the testing/inspection methods referenced.
DATE ESTABLISHED:	1968.
PROGRAM SCOPE:	Accredits laboratories for mechanical testing.
PRODUCTS TESTED: ***(Categories)***	Kitchen cabinets and high pressure decorative laminate countertops.
STANDARDS/ TEST METHODS USED:	ANSI/KCMA A161.1 - 1995 Performance and Construction Standard for Kitchen and Vanity Cabinets, and ANSI A161.2 - 1998 Performance Standards for Fabricated High Pressure Decorative Laminate Counter Tops.
LABS LISTED/ ACCREDITED:	5 as of June 1999.
ISO/IEC GUIDE 58:	Unfamiliar with Guide's requirements.
VALIDITY/RENEWAL:	Accreditation is valid biannually, and renewals are biannual.
ASSESSOR STATUS	1 contract assessor.
ASSESSOR QUALIFICATIONS:	There are no mandatory assessor qualifications.
ASSESSOR TRAINING:	There are no assessor training programs.
PROGRAM FEES:	There are no fees to participate.
APPEAL PROCEDURES:	Appeals are made through certification administrative management to the Association Board of Directors as necessary.
PUBLICATIONS:	There are no publications, which describe the program.
LOGO/MARK:	KCMA does not have a logo.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. testing laboratories.
LISTS/DIRECTORIES:	There are no published lists or directories of laboratories.
PUBLISHED PROCEDURES:	There is no published set of procedures.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☒ Must Be Financially Stable
- ☒ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☐ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☐ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☒ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are not comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: Comparable to ASTM E548.

PROFICIENCY TESTING PROGRAM: Periodic round robin testing.

GOVERNMENT RECOGNITIONS: Federal: U.S. Department of Housing and Urban Development, and U.S. Department of Defense.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 1/7/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	MET Laboratories, Inc. (MET)
PRIMARY CONTACT:	Mr. Leonard Frier, President
ADDRESS:	914 W. Patapsco Avenue Baltimore, MD 21230
PHONE: ***FAX:*** ***E-MAIL:***	(410) 354-3300 (410) 354-3313 lfrier@metlabs.com
PROGRAM TITLE:	MET Certification Program.
DESCRIPTION:	Approval of independent laboratories as alternative sources of initial conformance data provided by OSHA's Recognized Nationally Recognized Testing Laboratory (NRTL) organizations and manufacturer laboratories providing participant testing data for quality assurance.
DATE ESTABLISHED:	1975.
PROGRAM SCOPE:	Accredits laboratories for: acoustic and vibration, chemical, electrical, ionizing radiation, mechanical, thermal, seismic, environmental simulation, airborne contaminates, electronic, telecommunications, and wireless equipment.
PRODUCTS TESTED: ***(Categories)***	Electrical, electronic, medical, telecommunications, mechanical, automotive, watt-hour meters.
STANDARDS/ TEST METHODS USED:	No standards/test methods are published.
LABS LISTED/ ACCREDITED:	3 as of 1999.
ISO/IEC GUIDE 58:	Not applicable.
VALIDITY/RENEWAL:	Approval is permanent, subject to surveillance.
ASSESSOR STATUS	For NRTL labs, OSHA conducts assessments; A2LA assessments are also accepted, MET staff are used for other laboratory assessments.
ASSESSOR QUALIFICATIONS:	No mandatory requirements, though assessors must have appropriate experience.
ASSESSOR TRAINING:	Informal through staff of MET Laboratories.
PROGRAM FEES:	Not applicable.
APPEAL PROCEDURES:	Appeal procedures published in OSHA-NRTL documents are used.
PUBLICATIONS:	None.
LOGO/MARK:	MET has a logo which is a globe with MET inside and it is federally registered.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. testing laboratories.
LISTS/DIRECTORIES:	Not applicable.
PUBLISHED PROCEDURES:	Procedures are not published.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
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- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
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- ☐ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☒ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are not comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: Participation in available and appropriate programs is required.

GOVERNMENT RECOGNITIONS: Federal: Recognized by OSHA under its NRTL program for subcontractor testing.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/14/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	National Accreditation and Management Institute (NAMI)
PRIMARY CONTACT:	Ms. Sharon R. Durand
ADDRESS:	207 S. Washington Street Berkeley Springs, WV 25411
PHONE: ***FAX:*** ***E-MAIL:***	(304) 258-5100 (304) 258-5111 namiliv@intrepid.net
PROGRAM TITLE:	NAMI's Certification Program for Architectural Products, Acoustical Products and Paint.
DESCRIPTION:	Accreditation of laboratories and certification of architectural products.
DATE ESTABLISHED:	1989.
PROGRAM SCOPE:	Accredits laboratories for acoustic and vibration, nondestructive, thermal, and structural testing.
PRODUCTS TESTED: ***(Categories)***	Fenestration products and sealed insulating glass.
STANDARDS/ TEST METHODS USED:	A published list of standards may be obtained from NAMI.
LABS LISTED/ ACCREDITED:	64 as of June 1999.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation is valid for two years. Accreditation is reissued every two years.
ASSESSOR STATUS	2 full-time assessors and 1 contract assessor.
ASSESSOR QUALIFICATIONS:	Assessors must have a BS or BA degree and/or adequate experience within appropriate field.
ASSESSOR TRAINING:	There is an assessor training program.
PROGRAM FEES:	There is a fee to participate, and the fee is set by NAMI. A fee schedule may be obtained from NAMI.
APPEAL PROCEDURES:	Appeal procedures are published in NAMI's challenge procedures.
PUBLICATIONS:	*NAMI's Certified Products Directory.*
LOGO/MARK:	NAMI has a federally registered logo.
PROGRAM AVAILABILITY:	Program is available to all U.S. private sector and government laboratories, and all foreign private sector and government laboratories.
LISTS/DIRECTORIES:	There is a published list of laboratories and is on file with NAMI.
PUBLISHED PROCEDURES:	NAMI publishes a set of requirements for accreditation, which can be obtained from NAMI.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
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- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
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- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☒ Must Attend Program Laboratory Workshops/Conferences
- ☒ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: None specified.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: Federal: The U.S. Department of Housing and Urban Development (HUD), and U.S. General Services Administration (GSA).

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/11/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	National Board for Certification of Dental Labs (NADL)
PRIMARY CONTACT:	Ms. Elise Lindsey, Director of Certification
ADDRESS:	8201 Greensboro Drive, Suite 300 McLean, VA 22102
PHONE:	(703-610-9036
FAX:	(703) 610-9005
E-MAIL:	certification@nadl.org
URL:	http://www.nadl.org
PROGRAM TITLE:	Certified Dental Laboratory (CDL).
DESCRIPTION:	The accreditation of laboratories that perform the preparation, quality production, and verification of synthetic clinical products for dentistry.
DATE ESTABLISHED:	1977.
PROGRAM SCOPE:	Accredits laboratories for biological and chemical testing.
PRODUCTS TESTED: ***(Categories)***	Medical prosthetic materials, appliances, and devices.
STANDARDS/ TEST METHODS USED:	Minimum acceptable standards for personnel, equipment, health, and safety aspects of the laboratories promulgated, accepted, and referenced in the program requirements and the personnel certification programs of the specific specialty for which accreditation is sought.
LABS LISTED/ ACCREDITED:	505 as of June 1999.
ISO/IEC GUIDE 58:	Program does not conform to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation is valid for one year, and is renewable annually.
ASSESSOR STATUS	10 trustees.
ASSESSOR QUALIFICATIONS:	There are no mandatory assessor qualifications.
ASSESSOR TRAINING:	There are no assessor training programs.
PROGRAM FEES:	Fees for laboratories are listed in a schedule and increased based on the number of specialties for which accreditation is applied. A fee schedule may be obtained from NADL.
APPEAL PROCEDURES:	Special committee appointment, hearing and other due process procedures.
PUBLICATIONS:	Program material, application forms, and directories.
LOGO/MARK:	NADL has a logo.
PROGRAM AVAILABILITY:	Available to all U.S. private sector and government laboratories, and all foreign private sector and government laboratories.
LISTS/DIRECTORIES:	A directory of laboratories is available from NADL.
PUBLISHED PROCEDURES:	NADL publishes " Certification Standards."

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
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- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are not comparable to ISO/IEC Guide 25.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 1/7/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	National Marine Manufacturers Association (NMMA)
PRIMARY CONTACT:	Mr. J. W. Napier, President
ADDRESS:	Laboratory Acceptance 200 East Randolph Drive, Suite 5100 Chicago, IL 60601-6528
PHONE:	(312) 946-6200
FAX:	(312) 946-0388
URL:	http://www.nmma.org
PROGRAM TITLE:	Certification Program-Approved Laboratory and Inspection Agency System.
DESCRIPTION:	To approve independent laboratories and inspection agencies to perform necessary initial compliance tests and required follow-up inspections on recreational boats, boating equipment, components, electrical systems, sanitation devices, navigational lighting and trailers.
DATE ESTABLISHED:	1968.
PROGRAM SCOPE:	Accredits laboratories for acoustic/vibration measurement, chemical, electrical, mechanical, and optics and photometry testing.
PRODUCTS TESTED: (Categories)	Boats, yachts, trailers, two-cycle gasoline engine lubricants.
STANDARDS/ TEST METHODS USED:	Uses ASTM, ANSI, ASME, CGA, NEMA, UL, NEC, IEEE, SAE, ABYC standards, military specifications, and federal standards including those issued by DOT and the U.S. Coast Guard.
LABS LISTED/ ACCREDITED:	5 as of June 1991.
ISO/IEC GUIDE 58:	N/A.
VALIDITY/RENEWAL:	Accreditation continues until revoked; on-site services depend on experience with laboratory.
ASSESSOR STATUS	The technically competent, experienced staff of the NMMA are employed, with the Manager of Certification playing a leading role.
ASSESSOR QUALIFICATIONS:	No mandatory qualifications provided.
ASSESSOR TRAINING:	Manager of Certification and other staff members train assessors.
PROGRAM FEES:	None.
APPEAL PROCEDURES:	Since the relationship is contractual, normal corporate appeal mechanisms are employed.
PUBLICATIONS:	NMMA Certification Handbook is the principal publication. In addition, there are the necessary application forms and other supporting documents.
LOGO/MARK:	None.
PROGRAM AVAILABILITY:	Accreditation is available to all foreign and domestic laboratories.
LISTS/DIRECTORIES:	Laboratories List with Certified Products Directory.
PUBLISHED PROCEDURES:	NMMA Certification Handbook.

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
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- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
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- ☒ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are somewhat comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: Requirements are comparable to those contained in ASTM E548-84, " Standard Practice for Preparation of Criteria for Use in the Evaluation of Testing Laboratories and Inspection Bodies."

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: Not specified.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 1/12/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	NSF International
PRIMARY CONTACT:	Mr. Thomas J. Bruursema
ADDRESS:	789 Dixboro Road Ann Arbor, MI 48105
PHONE:	(734) 769-8010/(800) NSF-MARK
FAX:	(734) 769-0109
E-MAIL:	info@nsf.org
URL:	http://www.nsf.org
PROGRAM TITLE:	Laboratory Accreditation Program.
DESCRIPTION:	Accreditation of environmental and drinking water analytical laboratories.
DATE ESTABLISHED:	1985.
PROGRAM SCOPE:	Accredits laboratories for microbiological and chemical testing.
PRODUCTS TESTED: ***(Categories)***	Environmental and drinking water.
STANDARDS/ TEST METHODS USED:	NSF does not publish a list of standards.
LABS LISTED/ ACCREDITED:	6 as of January 1, 1999.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation is valid for three years. Renewals are required every three years.
ASSESSOR STATUS	4 full-time assessors.
ASSESSOR QUALIFICATIONS:	Assessors must attend and pass the EPA Drinking Water Training course.
ASSESSOR TRAINING:	There is no NSF assessor training program.
PROGRAM FEES:	There is a fee to participate, and the fee is set by NSF. A Fee Schedule may be obtained from NSF.
APPEAL PROCEDURES:	Appeal procedures are described in the NSF program policies, which is available from NSF on request.
PUBLICATIONS:	NSF International Laboratory Accreditation Policies.
LOGO/MARK:	Has a federally registered mark.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. private sector and government laboratories, and all foreign private sector and government laboratories.
LISTS/DIRECTORIES:	NSF does not publish a list of laboratories.
PUBLISHED PROCEDURES:	A set of requirements for accreditation is published in the program policies.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
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- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
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- ☒ Laboratory Measurements Must Be Traceable To National Standards
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- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: U.S. EPA Manual for Certification of Laboratories Analyzing Drinking Water.

PROFICIENCY TESTING PROGRAM: Laboratories must pass PE sample for each method/analysis for which accreditation is sought, once every 12 months.

GOVERNMENT RECOGNITIONS: Memorandum of Understanding (MOU) with the States of Texas, Georgia and New Mexico. Contract to do laboratory inspections for the Michigan Department of Environmental Quality.

MUTUAL RECOGNITION ARRANGEMENTS: Accredited by ANSI, RvA and SCC.

DATE RECEIVED: 2/13/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Performance Review Institute (PRI)
PRIMARY CONTACT:	Mr. Arshad Hafeez, Director, Industry Managed Programs
ADDRESS:	161 Thornhill Road Warrendale, PA 15086-7511
PHONE:	(724) 772-1616
FAX:	(724) 772-1699
E-MAIL:	arshad@sae.org
URL:	http://www.pri.sae.org
PROGRAM TITLE:	National Aerospace and Defense Contractors Accreditation Program (NADCAP).
DESCRIPTION:	NADCAP is an unprecedented cooperative industry effort to improve quality while reducing cost throughout the aerospace and defense industries. NADCAP is an industry-managed approach to conformity assessment that brings together technical experts from both industry and government in the NADCAP organization. Prime contractors, suppliers, and representatives from the government work together to establish requirements for accreditation, approve suppliers and define operational program requirements.
DATE ESTABLISHED:	1990.
PROGRAM SCOPE:	Accredits laboratories for chemical, mechanical, metrology, nondestructive, and thermal testing.
PRODUCTS TESTED: (Categories)	Aircraft components.
STANDARDS/ TEST METHODS USED:	The published audit standards are AS7101, AS7114, etc. The Fastener Quality Act (FQA) regulations include requirements for fastener testing.
LABS LISTED/ ACCREDITED:	320 NDT, 120 material, and 50 FQA labs.
ISO/IEC GUIDE 58:	Program conforms to ISO/IEC Guide 58, and has been audited by NIST under the FQA.
VALIDITY/RENEWAL:	Accreditation is valid for from 12 months to 3 years.
ASSESSOR STATUS	26 contract assessors for MTL, NDT, and FQA.
ASSESSOR QUALIFICATIONS:	There are general assessor qualifications. There are also task group specific requirements. These somewhat lengthy requirements may be obtained by contracting PRI.
ASSESSOR TRAINING:	At least one annual audit training session is conducted. Session usually runs 3-4 days.
PROGRAM FEES:	There is a fee to participate. The fees are set by PRI (non-profit trade association). The fee schedule is determined by answering specific preliminary questionnaires to define the scope of the audit (length of audit).
APPEAL PROCEDURES:	Appeals can be submitted to a specific special process task group, as well as to NADCAP Management Council and/or its Appeals Committee.
PUBLICATIONS:	AS7003 NADCAP Program Document; AS7114 Requirements for NDT Accreditation; and AS7101 Requirements for Materials Testing Lab Accreditation.
LOGO/MARK:	NADCAP has a logo. The logo is a square indicating NADCAP Accreditation with PRI logo. It is still pending as a registered trademark.
PROGRAM AVAILABILITY:	Accreditation available to all U.S. private sector and government laboratories, and all foreign private sector and government laboratories.
LISTS/DIRECTORIES:	NADCAP publishes a quarterly directory, " Qualified Manufacturer's List (QML),"

LISTS/DIRECTORIES: NADCAP publishes a quarterly directory, " Qualified Manufacturer's List (QML)," which includes a list of laboratories. It is available from PRI.

PUBLISHED PROCEDURES: All standards (audit standards) are available from SAE; and all audit checklists (AC) are available from PRI.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
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- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
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- ☒ Must Have A Contract Review Process
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- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: Comparable to any aerospace prime contractor laboratory certification program.

PROFICIENCY TESTING PROGRAM: Annual requirement for proficiency testing from a NADCAP approved provider.

GOVERNMENT RECOGNITIONS: Federal: NIST, as an accreditor under the Fastener Quality Act.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/28/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Precast/Prestressed Concrete Institute (PCI) (Primarily a certification program)
PRIMARY CONTACT:	Mr. John A. Dick, Director of Certification Programs
ADDRESS:	175 W. Jackson Boulevard, Suite 1859 Chicago, IL 60604
PHONE:	(312) 786-0300
FAX:	(312) 786-0353
E-MAIL:	jdick@pcinst.com
URL:	http://www.pci.org
PROGRAM TITLE:	PCI Plant Certification Program.
DESCRIPTION:	The PCI Plant Certification Program evaluates plants of precast and/or prestressed concrete manufacturing companies located in the United States, Canada, and Mexico against published standards. Unannounced audits are conducted by independent, professional engineers, which are accredited by PCI. Plants are evaluated on their quality system, documentation, production procedures, management, engineering, personnel, and equipment. PCI Plant Certification ensures a project specifier and owner of approved uniform production methods and an acceptable in-house quality assurance program. Certification confirms the plant's capability to produce quality products.
DATE ESTABLISHED:	1967.
PROGRAM SCOPE:	Accredits laboratories for architectural and structural concrete products for buildings and bridges. Program covers plant manufacturing and quality control procedures, personnel and equipment, company shop drawings, product design, and recordkeeping.
PRODUCTS TESTED: (Categories)	Precast concrete, precast prestressed concrete, and glass fiber reinforced concrete.
STANDARDS/ TEST METHODS USED:	The Standards used for evaluation of a plant are published in PCI's Quality Manuals: " MNL-116, Manual for Quality Control for Plants and Production of Precast and Prestressed Concrete Products;" MNL-117, " Manual for Quality Control for Plants and Production of Architectural Precast Concrete Products;" and MNL-130, " Manual for Quality Control for Plants and Production of Glass Fiber Reinforced Concrete Products."
LABS LISTED/ ACCREDITED:	231 as of June 25, 1999.
ISO/IEC GUIDE 58:	Unfamiliar with Guide's requirements.
VALIDITY/RENEWAL:	Accreditation is valid from audit to audit. Renewals are issued biannually.
ASSESSOR STATUS	19 contract assessors are contracted for with a consulting engineering firm to train and conduct audits to PCI specifications.
ASSESSOR QUALIFICATIONS:	Assessor must be a graduate engineer with construction/design experience.
ASSESSOR TRAINING:	On the job training is provided and trainees assist with three audits with a principal and three audits with an auditor.
PROGRAM FEES:	There is a fee to participate, which is set by PCI Board of Directors. The fee schedule may be obtained from PCI.
APPEAL PROCEDURES:	Appeals have two levels: (1) written appeals must be submitted within time limits and reviewed by a committee; and (2) in-person appeals are heard by an Appeals Board.
PUBLICATIONS:	The program is described in the PCI Certified Plant brochure.

LOGO/MARK: PCI has a federally copyrighted logo.

PROGRAM AVAILABILITY: Accreditation is available to all manufacturers of precast/prestressed concrete, whether or not they are members of PCI.

LISTS/DIRECTORIES: A List of laboratories is published in *PCI Ascent* magazine and on the internet at (http://www.pci.org).

PUBLISHED PROCEDURES: Assessment Procedures are published in Section 20.0 of the *PCI Policies and Procedures Manual* available from PCI.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☐ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☒ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☐ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☒ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Unfamiliar with Guide's requirements.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: Federal: U.S. Army Corps. of Engineers/Civil Works Division; Naval Facilities Engineering Command (NAVFEC); Federal Bureau of Prisons; Federal Aviation Administration; U.S. Department of Agriculture/FSIS; U.S. Department of the Interior; and the Federal Highway Administration.
State: 26 states (AL, CT, DE, FL, ID, IL, ME, MD, MA, MI, MN, MS, MT, NE, NH, NJ, OH, OR, PA, RI, UT, VT, VA, WA, WV, WI). Also the cities of Seattle, WA; Houston, TX; Phoenix, AZ; and Portland, OR. Also the Illinois Toll Highway Authority, the Massachusetts Central Artery and Tunnel Commission, and the New Jersey Turnpike Authority.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 2/13/1999

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Performance Review Institute (PRI) Calibration Cooperative
PRIMARY CONTACT:	Sherry Poriss, Standards and Training
ADDRESS:	PRI 161 Thornhill Road Warrendale, PA 15086-7511
PHONE:	(724) 772-1616
FAX:	(724) 772-1699
E-MAIL:	sherry@sae.org
URL:	http://www.pri.sae.org
PROGRAM TITLE:	Calibration Cooperative.
DESCRIPTION:	Auditor examination and approval of calibration laboratory quality systems and control of measuring and test equipment.
DATE ESTABLISHED:	1997.
PROGRAM SCOPE:	Accredits laboratories for metrology-calibration.
PRODUCTS TESTED: (Categories)	Measurement equipment.
STANDARDS/ TEST METHODS USED:	Uses the listed specifications for the calibration types covered. Not available from PRI.
LABS LISTED/ ACCREDITED:	4 as of 1/20/99.
ISO/IEC GUIDE 58:	Does not conform to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Approval valid for two years with an annual registry fee.
ASSESSOR STATUS	53 2nd party auditors and a limited number of consultants trained and qualified to submit recommendations.
ASSESSOR QUALIFICATIONS:	Mandatory qualifications exist. Details available from PRI.
ASSESSOR TRAINING:	There is a mandatory two and one-half day course. Audit and auditor training and qualification are conducted in accordance with the requirements of PRI Program Document PD 1000, " Tasks and Procedures of the Calibration Cooperative" and PRI Audit Criteria AC 7007, " Requirements for Calibration Laboratory Quality Systems and Control of Measuring and Test Equipment."
PROGRAM FEES:	There is no fee to participate. However, program is under revision. When finalized, details will be posted on website along with any fee requirement.
APPEAL PROCEDURES:	Industry experts are appointed by the Chairman of the Cooperative to handle appeals.
PUBLICATIONS:	None at this time.
LOGO/MARK:	Circle with a check mark in center and " Performance Review" on outside edge of the circle.
PROGRAM AVAILABILITY:	Open to any organization providing external sources of calibration.
LISTS/DIRECTORIES:	A " Registry of Approved Suppliers of Calibration Services" is available from the Calibration Cooperative at PRI.
PUBLISHED PROCEDURES:	Procedures, AC 7007, are published and available from the PRI Calibration Cooperative.

LABORATORY ASSESSMENT CRITERIA:

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- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
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- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Calibration Cooperative Program conforms to ISO/IEC Guide 25.

OTHER COMPARABILITY: Comparable to provisions of ANSI Z540 Appendix and ISO 10012.

PROFICIENCY TESTING PROGRAM: Participation in a proficiency program is mandatory.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 3/26/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Safety Glazing Certification Council (SGCC) (primarily a certification program)
PRIMARY CONTACT:	Mr. John G. Kent, Administrative Manager
ADDRESS:	P.O. Box 9 Henderson Harbor, NY 13651
PHONE: *FAX:* *E-MAIL:* *URL:*	(315) 938-7444 (315) 938-7453 jgkent@gisco.net http://www.sgcc.org
PROGRAM TITLE:	SGCC Certification Program.
DESCRIPTION:	Approval of safety glazing materials as an industry certification program with laboratory accreditation of firms which provide necessary test and inspection services.
DATE ESTABLISHED:	1971.
PROGRAM SCOPE:	Accredits laboratories for mechanical and performance testing.
PRODUCTS TESTED: (Categories)	Glass, plastics, and safety glass.
STANDARDS/ TEST METHODS USED:	A list of standards is published in SGCC's " Certified Products Directory," February 1, 1999.
LABS LISTED/ ACCREDITED:	14 as of January 1999.
ISO/IEC GUIDE 58:	Unfamiliar with Guide's requirements.
VALIDITY/RENEWAL:	Accreditation program is valid for two years. Renewals are required once every two years.
ASSESSOR STATUS	1 full-time contract assessor.
ASSESSOR QUALIFICATIONS:	Assessors must have industry/product experience and knowledge.
ASSESSOR TRAINING:	There is no assessor training program.
PROGRAM FEES:	There are no set fees to participate. Reimbursement of audit expenses is required.
APPEAL PROCEDURES:	All appeals are referred to the Chairman of the Certification Committee and then to the full Committee, if necessary.
PUBLICATIONS:	A description of the program is published in SGCC's " Certified Products Directory," February 1, 1999.
LOGO/MARK:	SGCC has a logo.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. private sector and government laboratories, and all foreign private sector and government laboratories.
LISTS/DIRECTORIES:	A list of laboratories is included in SGCC's publication, " Certified Products Directory."
PUBLISHED PROCEDURES:	SGCC publishes its assessment procedures. Copies can be obtained from SGCC.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
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- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☐ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☒ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Unfamiliar with Guide's requirements.

OTHER COMPARABILITY: Unaware of any.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/18/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Solar Rating and Certification Corporation (SRCC)
PRIMARY CONTACT:	Mr. Byard Wood
ADDRESS:	c/o FSEC 1679 Clearlake Road Cocoa, FL 32922-1503
PHONE:	(407) 638-1539
FAX:	(407) 638-1010
E-MAIL:	srcc@fsec.ucf.edu
URL:	http://solar-rating.org
PROGRAM TITLE:	Laboratory Accreditation.
DESCRIPTION:	Laboratories are accredited to test solar collectors and systems. These tests are required for participation in SRCC's certification programs.
DATE ESTABLISHED:	1982.
PROGRAM SCOPE:	Accredits laboratories for mechanical, thermal testing.
PRODUCTS TESTED: ***(Categories)***	Solar appliances and components, water heating systems.
STANDARDS/ TEST METHODS USED:	Standards are published in ASHRAE 93, ASHRAE 96, and SRCC Standard 100.
LABS LISTED/ ACCREDITED:	2 as of June 1, 1999.
ISO/IEC GUIDE 58:	Unfamiliar with Guide's requirements.
VALIDITY/RENEWAL:	Accreditation is valid for two years. Renewals are required every two years.
ASSESSOR STATUS	Uses volunteer assessors from within SRCC.
ASSESSOR QUALIFICATIONS:	There are no mandatory assessor qualifications.
ASSESSOR TRAINING:	No assessor training program.
PROGRAM FEES:	No fees to participate.
APPEAL PROCEDURES:	Appeals are made to SRCC Board of Directors.
PUBLICATIONS:	The program is described in the following publications: SRCC LAC-1: Accreditation Criteria for Testing Laboratories Evaluating Solar Components, Subsystems, and Systems.
LOGO/MARK:	SRCC has a logo.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. testing laboratories.
LISTS/DIRECTORIES:	No list of laboratories is published.
PUBLISHED PROCEDURES:	Assessment procedures are published in SRCC Document LAC-1.

LABORATORY ASSESSMENT CRITERIA:

- ☒ Must Be A Legal Entity
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- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☒ Must Have A Documented Procurement Process
- ☒ Must Have A Complaints/Appeals Process
- ☒ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☒ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☒ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: SRCC's program is comparable to ASTM E548-84.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 1/23/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Southern Building Code Congress International, Inc., Public Safety Testing & Evaluation Services, Inc. (SBCCI PST & ESI)
PRIMARY CONTACT:	Mr. Glenn J. Winslow, President
ADDRESS:	900 Montclair Road, Suite A Birmingham, AL 35213-1206
PHONE:	(205) 599-9800
FAX:	(205) 599-9850
E-MAIL:	gnichols@sbcci.org
URL:	http://www.sbccies.org
PROGRAM TITLE:	Evaluation Services.
DESCRIPTION:	To provide members and others with model building codes, lists of products that comply with these codes and referenced standards, and a list of laboratories whose test reports have been found to meet the Code and standard requirements.
DATE ESTABLISHED:	1971.
PROGRAM SCOPE:	Accredits laboratories for acoustic and vibration, chemical, mechanical, nondestructive, thermal, fire, plumbing and gas testing.
PRODUCTS TESTED: ***(Categories)***	Any product related to the construction industry, with primary emphasis on those products and systems used in the design and construction of buildings.
STANDARDS/ TEST METHODS USED:	Standards are nationally recognized consensus standards listed in the *Standard Codes* and *International Codes*, published by the SBCCI.
LABS LISTED/ ACCREDITED:	29 as of January 1999.
ISO/IEC GUIDE 58:	Unfamiliar with ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation program is valid for two years. Renewals are required biennially - sooner if new code changes might affect accreditation status.
ASSESSOR STATUS	8 full-time assessors from SBCCI PST & ESI's full-time professional staff of registered architects and engineers.
ASSESSOR QUALIFICATIONS:	Must be a registered architect or engineer.
ASSESSOR TRAINING:	Trained by working with experienced assessors.
PROGRAM FEES:	There is a fee to participate, which is set by SBCCI PST & ESI. An " Evaluation Report Fee Schedule" is available from SBCCI PST & ESI.
APPEAL PROCEDURES:	There is a specified appeals procedure outlined in the " SBCCI PST & ESI Committee on Evaluation Rules of Procedure," which can be obtained from SBCCI PST & ESI.
PUBLICATIONS:	Quarterly publication, listed products and labs.
LOGO/MARK:	SBCCI PST & ESI has a logo.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. private sector and government laboratories, and all foreign private sector and government laboratories.
LISTS/DIRECTORIES:	" SBCCI PST & ESI Evaluation Report Listing" is provided free to members and for a fee to others.
PUBLISHED PROCEDURES:	Not provided.

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
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- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
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- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☒ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Unfamiliar with ISO/IEC Guide 25.

OTHER COMPARABILITY: None.

PROFICIENCY TESTING PROGRAM: Must participate in appropriate programs.

GOVERNMENT RECOGNITIONS: More than 2500 State and local governments located in the Southwest, South, Southeast, and Atlantic seaboard recognize the program through state/local use of the Code.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/25/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	TUV Product Service (TPS)
PRIMARY CONTACT:	Mr. Matthias Popp, CEO
ADDRESS:	5 Cherry Hill Drive Danvers, MA 01923
PHONE:	(978) 739-7000
FAX:	(978) 777-8441
E-MAIL:	mpopp@tuvps.com
URL:	http://www.tuvglobal.com
PROGRAM TITLE:	Certification After Recognition of Agents Testing (CARAT Program).
DESCRIPTION:	The purpose of the CARAT Program is to assist small and medium-sized manufacturers reduce their overall testing costs while simultaneously speeding up testing and certification of their products. This is accomplished by authorizing selected independent testing laboratories to do testing for companies who do not have the necessary internal testing facilities. Testing from authorized labs is reviewed and approved by TUV Product Service (TPS). This program is valid for both EMC and Product Safety. The basic requirement for admission into the CARAT program is for the independent testing laboratory to pass a TPS audit to EN 45001 (General Criteria for the Operation of Testing Laboratories). A complete ISO 9001 quality audit (with a special emphasis on the requirements of EN 45001) could also qualify the laboratory for the CARAT program.
DATE ESTABLISHED:	1990.
PROGRAM SCOPE:	Accredits laboratories for electrical and mechanical testing.
PRODUCTS TESTED: (Categories)	Electrical, mechanical, and electronics products.
STANDARDS/ TEST METHODS USED:	No list of standards is published.
LABS LISTED/ ACCREDITED:	15 as of June 1999.
ISO/IEC GUIDE 58:	Program does not conform to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Certification is valid for 12 months. Renewals are required every 12 months.
ASSESSOR STATUS	5 part-time assessors.
ASSESSOR QUALIFICATIONS:	Internal qualifications, which are on file within the company.
ASSESSOR TRAINING:	There is a required assessor training program.
PROGRAM FEES:	There is a fee to participate, which is set by TUV Products Service. Fees are based on audit time required and audit related expenses incurred.
APPEAL PROCEDURES:	There are no appeal procedures.
PUBLICATIONS:	The program is described in " Certification After Recognition of Agent's Testing, CARAT - 98 Summary," published by TUV.
LOGO/MARK:	Program does not have a logo.
PROGRAM AVAILABILITY:	The program is available to all U.S. private sector and government laboratories, and all foreign private sector and government laboratories.
LISTS/DIRECTORIES:	There is no published list of laboratories.

PUBLISHED PROCEDURES: Assessment procedures are published in EN 45001 and/or ISO Guide 25.

LABORATORY ASSESSMENT CRITERIA:

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- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: Requirements are comparable to EN 45001.

PROFICIENCY TESTING PROGRAM: None.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 6/21/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Underwriters Laboratories (UL) as the U.S. National Supervising Inspectorate (NSI) for the IECQ system (Primarily a certification program)
PRIMARY CONTACT:	Mr. Harvey S. Berman, NSI Manager
ADDRESS:	1285 Walt Whitman Road Melville, NY 11747
PHONE:	(516) 271-6200, Ext. 22229
FAX:	(516) 439-6024
E-MAIL:	bermann@ul.com
URL:	http://www.iecq.org/
PROGRAM TITLE:	International Electrotechnical Commission (IEC) Quality Assessment System for Electronic Components. Responsibility for the assessment and surveillance of manufacturers, distributors, specialist contractors and independent testing laboratories - including the determination of compliance with ISO 9000 or (for laboratories) ISO/IEC Guide 25 - rests with supervising inspectorates.
DESCRIPTION:	Third party certification system for electronic component manufacturers, distributors, test labs; and electronic components and assemblies.
DATE ESTABLISHED:	1982.
PROGRAM SCOPE:	Accredits laboratories for acoustic and vibration, electrical, mechanical, metrology, optics and photometry, thermal testing, wire, cable, printed wiring boards, capacitors, resistors, and other electronic components.
PRODUCTS TESTED: ***(Categories)***	At the present time, electronic components and related materials from the following areas or families can be approved under IECQ: passive components; active components; hybrid integrated circuits; electromechanical components; electromagnetic components; electro-optic components; wires and cables; printed boards; photovoltaics.
STANDARDS/ TEST METHODS USED:	Uses specification list QC 001004, which is published by the IEC.
LABS LISTED/ ACCREDITED:	7 as of June 1999.
ISO/IEC GUIDE 58:	Program conforms to most requirements of ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Certification is valid for five years. Renewals are required every five years, with annual reviews.
ASSESSOR STATUS	10 assessors, consisting of both full-time and part-time staff.
ASSESSOR QUALIFICATIONS:	Assessors qualifications consist of educational requirements, lead auditor classroom training, and auditing experience (per UL QRS Procedure Q1807-1).
ASSESSOR TRAINING:	IECQ on-the-job training and " as needed" in-house courses.
PROGRAM FEES:	There is a fee to participate, which is set by The Electronics Components Certification Board (CECCB). The fee is $781.25 per year for test labs, plus additional charges for engineering time and expenses.
APPEAL PROCEDURES:	Appeal procedures are described in clause 13.4 of the *Basic Rules* (QC 001001) and *Rules of Procedure* (QC 001002) clause 16.
PUBLICATIONS:	Publications that describe the program are: QC 001001 *IECQ Basic Rules*; and QC 001002 *IECQ Rules of Procedure*.
LOGO/MARK:	ICEQ has a logo, but it is not registered.

PROGRAM AVAILABILITY:

The program is available to all U.S. private sector and government laboratories, all foreign private sector and government laboratories, and to qualified manufacturers and other organizations. Testing laboratory approval (accreditation) is available to independent testing laboratories intending to carry out tests on components within the IECQ. The approval (accreditation) covers the type of tests to be carried out, the component ranges to be tested and the facilities available.

LISTS/DIRECTORIES:

A list of laboratories is published by IEC in QC 001005 *Register of Firms, Products and Services Approved Under the IECQ System.*

PUBLISHED PROCEDURES:

Assessment procedures are published in QC 001002, *IECQ Rules of Procedure* (includes Guide 25).

LABORATORY ASSESSMENT CRITERIA:

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- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
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- ☒ Must Have A Complaints/Appeals Process
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- ☒ Must Have Qualified Personnel
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- ☒ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☒ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25:

Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY:

ISO/IEC Guide 25 is the requirement; EN45001 is accepted in Europe.

PROFICIENCY TESTING PROGRAM:

None.

GOVERNMENT RECOGNITIONS:

None listed.

MUTUAL RECOGNITION ARRANGEMENTS:

CECC - CENELEC Electronic Components Committee.
IECQ approvals in the photovoltaics area are used by the Global Approval Program for photovoltaics (PV GAP, a legally independent body) as the basis for licensing the use of the PV GAP " PV Quality Mark/Seal."

DATE RECEIVED: 5/24/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Voices of Safety International (VOSI)
PRIMARY CONTACT:	Mr. Donald Meserlion
ADDRESS:	264 Park Avenue N. Caldwell, NJ 07006
PHONE: *FAX:* *E-MAIL:* *URL:*	(973) 228-2258 (973) 228-0276 http://www.voicesofsafety.com
PROGRAM TITLE:	Slip Resistance Test Certification.
DESCRIPTION:	Ensure that test laboratories use VOSI specifications/test methods— V41-21 " Slip Resistant Walkways," and V41.22 " Slip Resistant Footwear" — correctly.
DATE ESTABLISHED:	March 24, 1999.
PROGRAM SCOPE:	Accredits laboratories for slip resistance, static coefficient of friction (SCOF) of walkway materials, coatings, and footwear.
PRODUCTS TESTED: *(Categories)*	Slip-resistance tested walkway materials, coatings and footwear products.
STANDARDS/ TEST METHODS USED:	A list of standards used for the program is published on the internet at (http://www.voicesofsafety.com).
LABS LISTED/ ACCREDITED:	1 as of May 24, 1999.
ISO/IEC GUIDE 58:	Program does conform to ISO/IEC Guide 58.
VALIDITY/RENEWAL:	Accreditation is valid for five years. Renewals are issued whenever the lab operator requires certification.
ASSESSOR STATUS	1 part-time assessor.
ASSESSOR QUALIFICATIONS:	Test equipment operators' certification is based on passing SCOF testing of Polypropylene secondary standard test surface.
ASSESSOR TRAINING:	There is no assessor training program.
PROGRAM FEES:	There is a fee to participate, and it is set by VOSI. There is no fee schedule available.
APPEAL PROCEDURES:	There is no appeals procedure.
PUBLICATIONS:	The program is described in " Certification Procedures for VOSI" V41-21 and V41-22, which is published on the internet at (http://www.voicesofsafety.com).
LOGO/MARK:	VOSI has a logo.
PROGRAM AVAILABILITY:	Accreditation is available to all U.S. private sector and government laboratories, all foreign private sector and government laboratories, and all purchasers of technical products for floor and footwear friction testing.
LISTS/DIRECTORIES:	No directory of laboratories is published.
PUBLISHED PROCEDURES:	Assessment procedures are published in VOSI V41.21 and V41.22.

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☐ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Requirements are comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: VOSI requirements for SCOF testing of walkways, coatings, and footwear, which utilize secondary standard test surfaces are more rigorous than comparable to those listed in ASTM D2047 and C1028 (Polishes and Ceramic Tiles).

PROFICIENCY TESTING PROGRAM: Operators are certified based on passing SCOF testing on secondary standard test surfaces (dry and wet test certification).

GOVERNMENT RECOGNITIONS: This is a new program. Have applied to the International Building Code to have VOSI V41-21 used as a reference in defining " slip resistant walkways."

MUTUAL RECOGNITION ARRANGEMENTS: Working with ASTM to reference VOSI Standard Guides in existing (13) slip resistance test methods.

APPENDIX I
INDICES

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APPENDIX I

Index of Professional/Trade Organizations Accreditation/Designation Systems

APPENDIX I

INDEX BY FIELD OF TESTING

[7] Categories from E 12215-915 *Standard Guide for Categorizing Fields of Capability for Laboratory Accreditation Purposes*

[8] Additional categories provided with Questionnaire responses.

Petroleum Refinery Products	37
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APPENDIX I

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APPENDIX II

Survey Information

The Marley Organization, Inc.

TMO-Resources and Information Services
<WWW.TMOinc.com>E-Mail:<chyer@TMOinc.com>

412 MAIN STREET, SUITE 3, RIDGEFIELD, CT 06877-4532 (203) 438-3801-FAX 438-2313

Professional/Trade Organization Granting Laboratory Accreditation/Approval:

Name & Title of Primary Contact
Address

Phone#: Fax#
INTERNET: URL Address: E-mail:
Name of Program:
Program Description:

Date Program was started:
Program Scope– Fields of Testing Covered by the Program: (description of fields can be found in ASTM E 1224-94 *Standard Guide for Categorizing Fields of Capability for Laboratory Accreditation Purposes)* Check as Appropriate:
Acoustic and Vibration Testing:_____ Biological Testing_____ Chemical Testing
Electrical Testing_____ Ionizing Radiation_____ Mechanical Testing_____ Metrology
Nondestructive Testing____ Optics and Photometry___ Thermal Testing ___Other___ (Please provide specifics)

Categories of Products Tested:

Standards/Test Methods: Do you publish a list of standards/test methods for which laboratories may be accredited /approved? Yes___ No___ If Yes, please provide such a list or advise where such a list may be obtained:

Number of Labs Accredited/Approved: _____As of _____

Does your program conform to ISO/IEC Guide 58? Yes _____ No _____ Don't Know _____

Accreditation/Approval Frequency: How long is accreditation/approval valid?
How often is accreditation/approval reissued?

Laboratory Assessors: How many assessors do you have? _____Are your assessors? (Check as appropriate) Full-time ___ Part-time____ Contract Employees___Other (Please describe):_____

Are there any mandatory assessor qualifications? Yes___ No___ If Yes, please list:

Do you have an assessor training program? Yes ___ No ___ If Yes, please describe:_____

Fees: Is there a fee to participate? Yes ___ No___ If Yes, who sets the fee?
_____

Is there a Fee Schedule? Yes___ No___ If Yes, please provide or advise how a copy may be obtained. _____

Appeal Procedure: Can accreditation/approval decisions be appealed? Yes ___ No ___ If Yes, please describe: _____
_____
_____

Publications: Are there publications, which describe your program? (Please provide the document numbers/titles) _____
_____
_____

Logo: Does your program have a logo or mark? Yes __ No___ If Yes, please describe and advise if it is Federally Registered. _____ _____
_____

Accreditation/Approval Availability: Is accreditation/approval available to (Check as appropriate):
___ All U.S. Testing Laboratories
___ All U.S. Private Sector Laboratories
___ All U.S. Government Laboratories
___ All Foreign Private Sector Laboratories
___ All Foreign Government Laboratories
___ Members of Your Association/Organization
___ Other (Please list)

List/Directory of Laboratories: Do you publish lists or directories of laboratories? Yes ___ No___ If Yes, please provide a copy or title and information on availability: _____
_____
_____

Assessment Criteria/Procedures: Is there a published set of requirements for accreditation/approval? Yes ___ No ___ If Yes, please provide them or indicate where they may be obtained: _____
_____
_____

Laboratory assessment criteria used by accreditation/approval program: (Please check as appropriate)
___Must Be A Legal Entity
___Must Be Financially Stable
___Must Be Independent of Manufacturers/Suppliers of Products Tested
___Must Have An Effective Quality System
___Must Have Procedures To Prevent Conflicts-Of-Interest
___Must Have A Document Control System

Laboratory assessment criteria used by accreditation/approval program:
___Must Have A Contract Review Process
___Must Have Procedures for Sub-Contracting Tests and Calibrations
___Must Have A Documented Procurement Process
___Must Have A Complaints/Appeals Process

___Must Have A System to Control Nonconforming Testing and/or Calibration Work
___Must Have A Corrective/Preventive Action Process
___Must Have An Effective Recordkeeping Process
___Must Have Documented Record Retention Requirements
___Must Conduct Internal Audits of It Quality System
___Laboratory Management Must Review Results of Internal Audits
___Must Have Qualified Personnel
___Laboratory Measurements Must Be Traceable To National Standards
___Must (Where Applicable) Use Effective Sampling Techniques
___Must Have A Process for Handling/Transport of Test/Calibration Items
___Must Participate In A Proficiency Testing Program
___Must Have Adequate Instrumentation Facilities and Equipment
___Must Ensure Adequate Equipment Maintenance/Calibration
___Must Attend Program Laboratory Workshops/Conferences
___Must Maintain Other or Related Accreditations/Approvals

Are your requirements for laboratories comparable to ISO/IEC Guide 25? Yes ___ No___
Don't know _____
Are your requirements for laboratories comparable to those contained in any other national, regional or international standard? Yes __ No__ (Please list which standard(s) and any significant differences) _____
_____
_____

Must laboratories participate in a proficiency testing program(s)? Yes ___ No ___ If Yes, please describe: _____
_____

Is your program recognized by any federal, state or foreign government agencies? (Please identify and describe type of recognition) _____
_____

Does your program have any mutual recognition arrangements with other organizations? (Please identify and describe) _____
_____
_____
_____

Would you like additional information on ISO/IEC Guide 25? Yes _____ No _____
Would you like additional information on ISO/IEC Guide 58? Yes _____ No _____
Would you like additional information on the National Cooperation for Laboratory Accreditation (NACLA) organization? Yes _____ No _____
Would you like additional information on the International Laboratory Accreditation Cooperation (ILAC) organization? Yes _____ No _____

APPENDIX II
FORMAT USED FOR EACH ENTRY

DATE RECEIVED: Date received by the Marley Organization, Inc.

PROFESSIONAL/TRADE (PT)ORGANIZATION:	The responsible entity, address, telephone, fax, and if available, electronic mail (E-mail), and Uniform Resource Locator (URL). The last two items referring to internet numbers.
PRIMARY CONTACT:	
ADDRESS:	
PHONE: ***FAX:*** ***E-MAIL:*** ***URL:***	
PROGRAM TITLE:	The name under which the program is known.
DESCRIPTION:	A brief description of the organization's mission, scope, and intent of the accreditation or designation.
DATE ESTABLISHED:	The date the accreditation/designation program was begun.
PROGRAM SCOPE:	The fields of testing from ASTM E1224-94 Standard Guide for Categorizing Fields of Capability for Laboratory Accreditation Purposes, used by the system and/or other fields, as indicated, by the system.
PRODUCTS TESTED: ***(Categories)***	The products/services or calibration, which laboratories are accredited or designated to test, examine or inspect.
STANDARDS/ TEST METHODS USED:	The documents (e.g., national, international, voluntary, regulatory, private sector, or governmental standards, protocols, test methods, specifications) employed by the accrediting organization to define the terms of accreditation or designation.
LABS LISTED/ ACCREDITED:	The number of labs accredited as of a specific date.
ISO/IEC GUIDE 58:	Requests for opinion of conformity to Guide ISO/IEC Guide 58 " Calibration and Testing Laboratory Accreditation Systems– General Requirements for Operation and Recognition."
VALIDITY/RENEWAL:	The length of time an accreditation or designation is valid - period to reaccreditation or to reassessment.
ASSESSOR STATUS	Number and identification as to who conducts the assessment.
ASSESSOR QUALIFICATIONS:	Details as to qualification for assessors.
ASSESSOR TRAINING:	Details as to training provided to assessors.
PROGRAM FEES:	The fees and/or other costs* incurred by a laboratory to participate in the accreditation system or to become a designated facility (*e.g., required: personnel certifications, training services, seminar and convention attendance, memberships).
APPEAL PROCEDURES:	Appeals process/procedures used by the system; if part of a product certification program.

PUBLICATIONS: Available information on accredited/designated laboratories or other documentation.

LOGO/MARK: Any program authorized logo or other mark used by accredited or designated labs.

PROGRAM AVAILABILITY: Whether the accreditation or designation is open to U.S. profit and/or nonprofit, private sector labs; federal labs; state government labs; and/or private or governmental foreign labs.

LISTS/DIRECTORIES: Available directories/lists of accredited or designated laboratories or directories/lists of products which include approved laboratories.

PUBLISHED PROCEDURES: Specific procedures employed by the program and their availability.

LABORATORY ASSESSMENT CRITERIA: The criteria/procedures used by the program to ensure the competence of a laboratory to conduct a test, or set of tests, or tasks including:

- ☐ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☐ Must Have An Effective Quality System
- ☐ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☐ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☐ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☐ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☐ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☐ Must Have Adequate Instrumentation Facilities And Equipment
- ☐ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Opinion as to requirements comparable to ISO/IEC Guide 25, " General Requirements for the Competence of calibration and testing laboratories"

OTHER COMPARABILITY: Requirement comparability with other national, regional, or international standards.

PROFICIENCY TESTING PROGRAM: Methods, if any, used to check lab performance using interlaboratory testing.

GOVERNMENT RECOGNITIONS: Any recognition (an/or reciprocity) of the accreditation by federal, state, or local government.

MUTUAL RECOGNITION ARRANGEMENTS: Any recognition (and/or reciprocity) of the accreditation, or mutual recognition of accredited labs, or test results with their basis and limitations, if any.

Information on: ISO/IEC Guide 25; ISO/IEC Guide 58; The National Cooperation for Laboratory Accreditation (NACLA); and/or International Laboratory Accreditation Cooperation (ILAC), offered to questionnaire respondents by the National Institute of Standards and Technology.

Information on: ISO/IEC Guide 25; ISO/IEC Guide 58; The National Cooperation for Laboratory Accreditation (NACLA); and/or International Laboratory Accreditation Cooperation (ILAC), offered to questionnaire respondents by the National Institute of Standards and Technology.

APPENDIX III

RECONCILIATION OF PROFESSIONAL/TRADE ORGANIZATIONS

APPEARING IN THE 1992 EDITION OF NBS SP 831 OF MARCH 1992

AAMVA **American Association of Motor Vehicle Administrators**
No longer involved in certification of vehicle equipment.
See the Automotive Manufacturers Equipment Compliance Agency, Inc. (AMECA), which continues AAMVA's previous work.

AAP/NIST **Accreditation Program and National Institute for Standards and Technology**

AAR **Association of American Railroads**
No response to survey or inquiries.

AASHTO **American Association of State Highway and Transportation Officials**

AMRL/NIST **Materials Reference Laboratory/National Institute for Standards and Technology**
AASHTO and NIST Activities combined in a single report.
See American Association of State Highway and Transportation Officials (AASHTO); AASHTO Materials Reference Laboratory.

ASME **American Society of Mechanical Engineers**
Program discontinued effective June 1999.

AWPB **American Wood Preservers Bureau**
Organization discontinued.

BACTL **Board of Accreditation of Concrete Testing Laboratories of North Carolina**
No response to survey or inquiries.

CABO **Council of American Building Officials**
Name changed to International Code Council. No response to survey or inquiries.

CAP **College of American Pathologists**
No response to survey or inquiries. The following information was obtained from the CAP website:
The College of American Pathologists (CAP) offers programs to improve quality in laboratory medicine. The scope of these programs is critical to the operation of laboratories throughout the United States. The goal of the Laboratory Accreditation Program is to improve the quality of clinical

laboratory services, and ensure the accuracy and reliability of test results through an educational and peer review inspection process. The CAP Laboratory Accreditation Program examines all aspects of quality assurance in the laboratory, including methodology, reagents, control media, equipment, specimen handling, procedure manuals, reports and proficiency testing, personnel, safety, and the overall management principles that distinguish a quality laboratory. Upon successful completion of the inspection process, CAP issues an accreditation. More than 5,000 laboratories across the country that have been accredited by CAP. The College of American Pathologists (CAP), in consultation with the American Association for Clinical Chemistry (AACC), identified the need for accreditation programs designed specifically for laboratories engaged in urine drug testing for non-medical purposes. In response to this need the Forensic Urine Drug Testing (FUDT) program was developed for laboratories performing work place drug testing, and the Athletic Drug Testing (ADT) program was developed for laboratories testing for performance enhancing substances. In order to participate a laboratory must first successfully complete several consecutive shipment of CAP proficiency testing samples prior to applying for accreditation. Once the laboratory has successfully completed the required proficiency testing shipments, the Laboratory Accreditation Program will send a letter to the laboratory inviting participation in the FUDT or ADT programs. In response to a need for inspection and accreditation of laboratories involved in fertility testing, the College of American Pathologists (CAP), and the American Society for Reproductive Medicine (ASRM) have developed a national laboratory accreditation program for reproductive laboratories. This unique cooperative effort provides an opportunity for laboratory improvement through voluntary participation, professional peer review, education, and compliance with established performance standards. The CAP/ASRM Reproductive Laboratory Accreditation Program examines all aspects of quality assurance in the laboratory, including methodology, reagents, control media, equipment, specimen handling, procedure manuals, reports and proficiency testing, personnel, safety, and the overall management principles that distinguish a quality laboratory. Upon successful completion of the inspection process, CAP awards accreditation. For more information, contact:

College of American Pathologists
325 Waukegan Road
Northfield, IL 60093-2750
Phone: 800-323-4040 or 847-832-7000 (Northfield, IL office)
or 800-392-9994 or 202-354-7100 (Washington, DC office).

CISEP — Cellulose Industry Standards Enforcement Program

Program is no longer active.

COS

Corporation for Open Systems International

COS became part of The Open Group. No response to survey or inquiries. The following information was obtained from their website:

While The Open Group does not appear to accredit laboratories, an important part of The Open Group's product range is its family of test suites and related products. These play an essential part in ensuring the proper development and maintenance of quality standards-based products, ensuring conformance to industry standard APIs and interoperability specifications. The Open Group's test suites are used by almost every major vendor creating open products. They enable in-depth testing and analysis of a vendor's products prior to market launch. The Open Group also operates several certification programs. Information on The Open Group's programs in this area is available at: http://www.opengroup.org/testing. While The Open Group does not appear to accredit laboratories, an important part of The Open Group's product range is its family of test suites and related products. These play an essential part in ensuring the proper development and maintenance of quality standards-based products, ensuring conformance to industry standard APIs and interoperability specifications. The Open Group's test suites are used by almost every major vendor creating open products. They enable in-depth testing and analysis of a vendor's products prior to market launch. The Open Group also operates several certification programs. Information on The Open Group's programs in this area is available at: " http://www.opengroup.org/testing" DCE Certification Information is at: http://www.opengroup.org/testing. The OSF DCE (Distributed Computer Environment) Certification program is a vehicle to ensure end users that OSF DCE Certified products provide application, data, and platform interoperability across DCE implementations. The objective of the OSF DCE Certification Program is to ensure a consistent level of DCE functional compliance across all products, where products are defined as a specific hardware and software configuration.

Interoperability Festival (I-FEST)-- A requirement for certification is to attend the OSF Interoperability Festival (I-FEST) with the platform being certified. Participants must successfully pass the testing requirements, in the applicable client and server configurations, during the I-FEST event for certification. Those companies that submit a Statement of Conformance, execute a trademark license agreement and successfully participate in an I-FEST event are authorized to display OSF's DCE certification seal for that product. OSF DCE lists Certified Products on the website. For more information, contact the Testing Team, <ogtesting@opengroup.org>.

ETL

ETL Testing Laboratories, Inc.
Now part of Intertek Testing Services (ITS). No response to survey or inquiries. The following information was obtained from the ITS website. Intertek is one of the world's largest commodities and products testing companies, carrying out a wide range of testing, inspection and certification services. Intertek operates in 83 countries directly and in a further 16 countries through agents. ITS has over 9000 employees and about 7000 subcontractor specialists, working in 229 laboratories and 493 offices around the world. For further information, contact:

Intertek Testing Services NA Inc.
3933 US Route 11
Cortland, New York 13045
USA
Telephone: 1-800-967-5352
FAX : 1-800-813-9442
e-mail: info@ETLSEMKO
URL: http://www.itsqs.com or
http://www.itsglobal.com/glb_home_f.htm

IECQ

International Electrotechnical Commission, Quality Assessment System for Electronic Components

MTL

MTL Certification Services, Inc.

No longer at location, no forwarding address.

NBBPVI

National Board of Boiler and Pressure Vessel Inspectors, American Society of Mechanical Engineers

No response to survey or inquiries. The following information was obtained from their website. The NBBPVI does not accredit laboratories. The National Board accredits qualified organizations to perform repairs and alterations of pressure-retaining items and repair of pressure relief devices. The National Board " R" (Repair), " VR" (Repair of Pressure Relief Valves), and " NR" (Nuclear Repair) Certificates of Authorization and stamps indicate that a repaired or altered pressure-retaining item or pressure relief device meets the requirements of the National Board Inspection Code. Through the accreditation program, a company is evaluated, and if certain criteria are met, the company is accredited to perform repairs and/or alterations. Companies holding National Board certificates are required to notify the National Board of any alteration performed on a boiler or pressure vessel registered with the National Board. The National Board also accredits qualified owner-user inspection organizations so they may perform in service inspection of pressure retaining items owned and/or operated by the company. The accredited owner-user inspection organization may perform in-process and acceptance inspections of repairs and alterations (including signing the NBIC report forms). This includes repairs and alterations performed by the owner-user organization holding an " R" Certificate or by other " R" Certificate Holders performing work on pressure retaining items owned and/or operated by the owner-user organization. The owner-user organization may also hold an " R" certificate. A National Board commission guarantees that a person is qualified to inspect boilers and pressure vessels, having passed the comprehensive National Board Commission Examination. The National Board Commission, when combined with authorization from a jurisdiction and completion of other requirements, authorizes the inspector to perform the inspection requirements defined within the National Board Inspection Code as they apply to in-service inspection, repairs, and alterations. Currently, there are 4,000 National Board commissioned inspectors working worldwide. National Board Capacity Certification is one program administered by the pressure relief department. Through the program, manufacturers and assemblers of pressure relief devices are evaluated in accordance with the ASME Boiler and Pressure Vessel Code. In addition, testing of sample production valves must be successfully completed at a National Board/ASME- accepted testing laboratory before the National Board " NB" mark may be stamped on certified devices. The pressure relief department also administers the National Board " VR" program, which accredits companies that repair pressure relief valves in accordance with the requirements of the National Board Inspection Code. Extensive evaluation and verification testing of sample repaired valves is performed for each applicant. To support these programs, the National Board maintains a testing

laboratory housing the most advanced equipment available for measuring the performance of pressure relief devices. The National Board Testing Laboratory serves as the comparison standard for all facilities of its type, and is available for use by organizations seeking data on the performance of valve designs and concepts. Nearly 1,000 devices are tested annually.

NCTL **National Certified Testing Laboratories.** No longer operates the program. See National Accreditation and Management Institute.

NEBB/ **National Environmental Balancing Bureau On-Site Testing Adjusting and TAB Balancing**

No response to survey or inquiries. The following information was obtained from their website. NEBB's Testing, Adjusting and Balancing Program for air and hydronic systems provides for certification of firms and qualification of individuals that meet criteria established by NEBB. The purpose of NEBB certification is to offer tangible proof of competent firms and supervisors qualified in the proper methods and procedures for the various categories of NEBB certification. The categories of NEBB certification are:

Certification for Performance of both Air and Hydronic TAB.
Certification for Performance of Air TAB only.
Certification for the Performance of Hydronic TAB only.
Certification for Performance of Sound & Vibration Measurement (S&V).
Certification requirements for S&V outlined in this brochure.
Certification for Testing of Cleanrooms.
Certification for Building Systems Commissioning.

In order to become NEBB-certified in TAB, a firm must: (1) have operated for a minimum period of 12 months continuously as an installing piping contractor; installing sheet metal contractor; installing mechanical contractor; or contractor engaged in TAB work; (2) enjoy a reputation for integrity and responsible performance; (3) have letters of endorsement from consulting engineers, architects and contractors in the firm's area; (4) be a member in good standing of a local NEBB Chapter; (5) possess the various TAB instruments, which are required for the category of certification sought; (6) confirm in writing that it will conform to the NEBB guidelines for the calibration and maintenance of the TAB instruments required for the category of certification sought; (7) possess the current NEBB Procedural Standards for Testing, Adjusting and Balancing of Environmental Systems and appropriate NEBB reporting forms for the category of certification sought; and (8) designate in writing one or more supervisors who will represent the firm and be responsible for the supervision of TAB work. The supervisor must meet the following minimum qualifications: (1) be employed by a certified firm or candidate firm on a full time basis; (2) demonstrate knowledge in the field(s) of TAB (air, hydronics, or both) for which the firm is applying for certification by passing appropriate written and practical NEBB examinations; (3) hold a management position in the firm, be able to represent the firm on TAB matters, and (4) have a reputation of integrity with consultants and awarding authorities. The candidate supervisor must have experience equal to either of the following: (a) a Bachelor of Science engineering degree from an accredited college or university with at least four (4) years of experience in HVAC installation or HVAC design work; or (b) a minimum of ten (10) years experience in any (or combination) of the following: HVAC testing-adjusting-balancing, HVAC installation, HVAC design work or HVAC technical education with a minimum of four (4) years PROJECT RESPONSIBILITY.
The local NEBB Chapter must biennially verify continued compliance with NEBB certification requirements for each certified firm, as follows:
The firm must own the instruments required for TAB certification which had been accepted or their replacements.

The firm must submit records to verify their conformance with NEBB guidelines for calibration and maintenance of required TAB instruments. -The firm must confirm in writing that they employ the designated supervisor full time who previously met the NEBB requirements for TAB qualification. The firm must verify in writing that the designated supervisor has attended at least one six (6) hour approved TAB seminar or refresher course given annually. A firm's certification shall automatically be suspended when the firm no longer meets all of the NEBB certification requirements. The certification of a firm suspended may be reinstated by NEBB at such time as it again meets the requirements for certification. The period of suspension may be no longer than one year at which time the firm will lose its certification automatically. Certification may be terminated for failure of the firm to abide by the objectives and performance standards of NEBB. Termination of certification by NEBB requires vote of the Board of Directors of NEBB provided that by similar vote the Board shall first find that certification is prejudicial, to the best interests of the Bureau and provided further that the certified firm in question shall have had opportunity upon written notice of at least fifteen (15) days to show cause why the certification should not be terminated.

For information, contact:

National Environmental Balancing Bureau
8575 Grovemont Circle
Gaithersburg, MD, 20877
United States
Tel: 301 977-3698
Fax: 301 977-9589
URL: http://www.nebb.org/index.htm

NECQ/ECCB **The United States National Electronic Components Quality Assessment System Electronic Components Certification Board**

Activities combined in single report. See Underwriters Laboratories (UL) as the U.S. National Supervising Inspectorate (NSI) for the IECQ System.

NSTA **National Safe Transit Association Technical Verification Program**

Name changed to the International Safe Transit Association.

No response to survey or inquiries. The following information was obtained from their website.

ISTA's TRANSIT TESTED program has been a leader in test specification for performance testing of packaged-products since the first US procedures manual was published in 1948. The TRANSIT TESTED program is designed to help shippers of any product reduce transit and handling damage to acceptable minimums. The program succeeds through the cooperation of shippers, carriers, manufacturers, packaging suppliers and Certified testing laboratories. The TRANSIT TESTED program includes preshipment testing, certification and identification. Testing is done in ISTA Certified Laboratories according to one of several ISTA Procedures. When the packaged-product has successfully passed a series of tests, a report is processed and application made for package certification. Once reviewed and approved, shippers who are members of ISTA may have the TRANSIT TESTED seal printed on their certified package. The seal is a symbol of the cooperation between elements of the logistic system to further efficient distribution and further proof that the packaged-product has been designed and tested for the transport packaging environment. ISTA Laboratory Certification is open to independent, third party testing laboratories and to in-house laboratories. The certification process demonstrates that the laboratory is properly equipped to conduct ISTA preshipment testing procedures. ISTA lab certification is available to ISTA members only. ISTA Certification requires that each lab applying for initial certification, or for current ISTA members needing Re-certification, complete an equipment verification form for each piece of testing equipment that will be used for ISTA testing. ISTA also requires the lab to produce a video tape showing that the equipment is as listed on the forms, that it is in working condition and

that the lab technicians understand how to use the equipment. This procedure is required every 2 years after initial certification of the lab.

For further information, contact:
ISTA
1400 Abbott Road, Suite 310
East Lansing, MI 48823-1900 USA
517-333-3437
fax: 517-333-3813
e-mail: ista@ista.org
URL Address: http://www.ista.org/

NWWDA

National Wood Window and Door Association
No response to survey or inquiries. The following information was obtained from their website: The Wood Window and Door Association (WDMA) recognizes the competence of laboratories to perform testing required as part of its certification program. WDMA maintains a list of recognized laboratories, which is available on its website.
For further information, contact:

WDMA
1400 East Touhy Avenue, Suite 470
Des Plaines, IL 60018
U.S.A.
Phone: (847) 299-5200
Fax: (847) 299-1286
e-mail : admin@wdma.com
URL: http://www.nwwda.org/

USPA

United States Potters Association
Address unknown, could not be contacted.

APPENDIX IV

Other Organizations with Accreditation Interest as follows:

DATE RECEIVED: 5/27/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Association of Public Health Laboratories (APHL)
PRIMARY CONTACT:	Mr. Scott Baker, Executive Director
ADDRESS:	1211 Connecticut Avenue, NW, Suite 608 Washington, DC 20036
PHONE: *FAX:* *E-MAIL:* *URL:*	(202) 822-5227 (202) 822-5098 info@aphl.org http://www.aphl.org
PROGRAM TITLE:	Laboratory Quality Improvement.
DESCRIPTION:	APHL promotes the role of public health laboratories in support of national and global objectives, and to promote policies and programs which assure continuous improvement in the quality of laboratory practices.
DATE ESTABLISHED:	1951.
PROGRAM SCOPE:	N/A.
PRODUCTS TESTED: *(Categories)*	N/A.
STANDARDS/ *TEST METHODS USED:*	N/A.
LABS LISTED/ *ACCREDITED:*	N/A.
ISO/IEC GUIDE 58:	N/A.
VALIDITY/RENEWAL:	N/A.
ASSESSOR STATUS	N/A.
ASSESSOR QUALIFICATIONS:	N/A.
ASSESSOR TRAINING:	N/A.
PROGRAM FEES:	N/A.
APPEAL PROCEDURES:	N/A.
PUBLICATIONS:	N/A.
LOGO/MARK:	N/A.
PROGRAM AVAILABILITY:	N/A.
LISTS/DIRECTORIES:	Directory of State Environmental Health Laboratory Sciences will be on website by September 1999.
PUBLISHED *PROCEDURES:*	N/A.

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☐ Must Have An Effective Quality System
- ☐ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☐ Must Have A Document Control System
- ☐ Must Have A Contract Review Process
- ☐ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☐ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☐ Must Have A Corrective/Preventive Action Process
- ☐ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☐ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☐ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☐ Must Have Adequate Instrumentation Facilities And Equipment
- ☐ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: N/A.

OTHER COMPARABILITY: N/A.

PROFICIENCY TESTING PROGRAM: N/A.

GOVERNMENT RECOGNITIONS: N/A.

MUTUAL RECOGNITION ARRANGEMENTS: N/A.

DATE RECEIVED: 6/11/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Caterpillar, Inc.(CI)
PRIMARY CONTACT:	Mr. W. E. Hedberg
ADDRESS:	100 N.E.Adams Street Peoria, IL 61629-7150
PHONE:	(309) 675-5218
FAX:	(309) 675-6181
E-MAIL:	Hedberg_William_E@CAT.COM
URL:	http://www.cat.com
PROGRAM TITLE:	Programs look at outside accreditations/approvals, no in-house program as a matter of course.
DESCRIPTION:	None provided.
PROGRAM SCOPE:	Accredits laboratories for acoustic and vibration, electrical, mechanical, and nondestructive testing.
PRODUCTS TESTED: *(Categories)*	Construction equipment engines (are primary), metallurgical and others as part of manufacturing.
STANDARDS/ TEST METHODS USED:	Various sources of publications used and are available through CI, depending on subject.
ISO/IEC GUIDE 58:	Unfamiliar with ISO/IEC Guide 58.
ASSESSOR STATUS	Various within multiple business units.
ASSESSOR QUALIFICATIONS:	Our laboratory accreditation process involves subject matter experts within Caterpillar for specific types. We do not " Generic" approval from a central source.
ASSESSOR TRAINING:	None.
APPEAL PROCEDURES:	More of a supplier/customer relationship.
PUBLICATIONS:	Not aware of any.
PROGRAM AVAILABILITY:	Accreditation/approval.
LISTS/DIRECTORIES:	None available centrally.
PUBLISHED PROCEDURES:	Many based on specific subjects within different organizations and functions.

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☒ Must Have An Effective Quality System
- ☒ Must Have Procedures To Prevent Conflicts-Of-Interest
- ☒ Must Have A Document Control System
- ☒ Must Have A Contract Review Process
- ☒ Must Have Procedures For Sub-Contracting Tests And Calibrations
- ☒ Must Have A Documented Procurement Process
- ☐ Must Have A Complaints/Appeals Process
- ☐ Must Have A System To Control Nonconforming Testing And/Or Calibration Work
- ☒ Must Have A Corrective/Preventive Action Process
- ☒ Must Have An Effective Recordkeeping Process
- ☐ Must Have Documented Record Retention Requirements
- ☒ Must Conduct Internal Audits Of Its Quality System
- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☒ Must Have Qualified Personnel
- ☒ Laboratory Measurements Must Be Traceable To National Standards
- ☒ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☒ Must Have Adequate Instrumentation Facilities And Equipment
- ☒ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☒ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Unfamiliar with ISO/IEC Guide 25.

OTHER COMPARABILITY: Said to have comparability with other requirements, but no information provided.

PROFICIENCY TESTING PROGRAM: Said to have requirements, but no further information provided.

GOVERNMENT RECOGNITIONS: None.

MUTUAL RECOGNITION ARRANGEMENTS: None.

DATE RECEIVED: 5/24/99

PROFESSIONAL/TRADE (PT)ORGANIZATION:	Geller MicroAnalytical Laboratory (GML)
PRIMARY CONTACT:	Mr. Joseph D. Geller
ADDRESS:	426e Boston Street Topsfield, MA 01983-1216
PHONE:	(978) 887-7000
FAX:	(978) 887-6671
E-MAIL:	jg@gellermicro.com
URL:	http://www.gellermicro.com
PROGRAM TITLE:	Provide traceable calibration standards.
DESCRIPTION:	Standards include stage micrometers and reference standards for microbeam analysis.
DATE ESTABLISHED:	1985.
PROGRAM SCOPE:	Standards for metrology.
PRODUCTS TESTED: *(Categories)*	Chemical elements and magnification reference standards.
STANDARDS/ TEST METHODS USED:	Not applicable.
LABS LISTED/ ACCREDITED:	Not applicable.
ISO/IEC GUIDE 58:	Not applicable.
VALIDITY/RENEWAL:	Not applicable.
ASSESSOR STATUS	Not applicable.
ASSESSOR QUALIFICATIONS:	Not applicable.
ASSESSOR TRAINING:	Not applicable.
PROGRAM FEES:	Not applicable.
APPEAL PROCEDURES:	Not applicable.
PUBLICATIONS:	Not applicable.
LOGO/MARK:	Not applicable.
PROGRAM AVAILABILITY:	Not applicable.
LISTS/DIRECTORIES:	Not applicable.
PUBLISHED PROCEDURES:	Not applicable.

LABORATORY ASSESSMENT CRITERIA:

- ☐ Must Be A Legal Entity
- ☐ Must Be Financially Stable
- ☐ Must Be Independent Of Manufacturers/Suppliers Of Products
- ☐ Must Have An Effective Quality System
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- ☐ Laboratory Management Must Review Results Of Internal Audits
- ☐ Must Have Qualified Personnel
- ☐ Laboratory Measurements Must Be Traceable To National Standards
- ☐ Must (Where Applicable) Use Effective Sampling Techniques
- ☐ Must Have A Process For Handling/Transport Of Test/Calibration Items
- ☐ Must Participate In A Proficiency Testing Program
- ☐ Must Have Adequate Instrumentation Facilities And Equipment
- ☐ Must Ensure Adequate Equipment Maintenance/Calibration
- ☐ Must Attend Program Laboratory Workshops/Conferences
- ☐ Must Maintain Other Or Related Accreditations/Approvals

ISO/IEC GUIDE 25: Comparable to ISO/IEC Guide 25.

OTHER COMPARABILITY: ISO-9001.

PROFICIENCY TESTING PROGRAM: Not applicable.

GOVERNMENT RECOGNITIONS: Not applicable.

MUTUAL RECOGNITION ARRANGEMENTS: Not applicable.

APPENDIX V

Acronyms, Abbreviations and Initializations

A2LA	American Association for Laboratory Accreditation
AAALAC	Association for Assessment and Accreditation of Laboratory Animal Care International
AABB	American Association of Blood Banks
AACC	American Association for Clinical Chemistry
AAMA	American Architectural Manufacturers Association
AAP	AASHTO Accreditation Program
AASHTO	American Association of State Highway and Transportation Officials
ABYC	American Boat and Yacht Council
ACIL	ACIL (Formerly, American Council of Independent Laboratories)
ADT	Athletic Drug Testing
AIHA	American Industrial Hygiene Association
AIM	AIM USA (Formerly Automatic Identification Manufacturers, Inc.)
AISC	American Institute of Steel Construction
ALI	Associated Laboratories, Inc.
AMCA	Air Movement and Control Association International, Inc.
AMECA	Automotive Manufacturers Equipment Compliance Agency
AMRL	ASHTO Materials Reference Laboratory
ANAIL	Association of North American Independent Laboratories
ANS	American National Standard
ANSI	American National Standards Institute
AOCS	American Oil Chemists Society
API	American Petroleum Institute
APLAC	Asia Pacific Laboratory Accreditation Cooperation
ASCLD/LAB	American Society of Crime Laboratory Directors/Laboratory Accreditation Board
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
ASME	American Society of Mechanical Engineers
ASRM	American Society for Reproductive Medicine
ASTM	ASTM (Formerly, American Society for Testing and Materials)
BOCA	Building Officials and Code Administrators International
BOCA/ES	BOCA-Evaluation Services
CAP	College of American Pathologists
CARAT	Certification After Recognition of Agents Testing (TPS program)
CCRL	Cement and Concrete Reference Laboratory
CDL	Certified Dental Laboratory
CECC	CENELEC Electronic Components Committee
CENELEC	European Committee for Electrotechnical Standardization
CEP	Council on Economic Priorities
CEPAA	CEP Accreditation Agency
CGA	Compressed Gas Association
CLIA	Clinical Laboratories Improvement Amendments of 1988
DCE	Distributed Computing Environment
DHHS	U.S. Department of Health and Human Services
DOL	U.S. Department of Labor
DOT	U.S. Department of Transportation
DVM	Doctor of Veterinary Medicine
EA	European Cooperation for Accreditation
ECCB	Electronic Components Certification Board
EMC	Electromagnetic Compatibility
EN	European Norm or Standard
EPA	U.S. Environmental Protection Agency
ETL	ETL Testing Laboratories (Division of ITS)
FAA	Federal Aviation Administration, (DOT)
FCC	Federal Communications Commission
FHWA	Federal Highway Administration, DOT
FQA	Fastener Quality Act of 1990 as Amended
FSIS	Food Safety and Inspection Service, USDA
FUDT	Forensic Urine Drug Testing
GSA	General Services Administration
HCFA	Health Care Financing Administration, DHHS

HUD	U.S. Department of Housing and Urban Development
IAPMO	International Association of Plumbing and Mechanical Officials
ICBO	International Conference of Building Officials
ICBO-ES	International Conference of Building Officials Evaluation Service, Inc.
ICC	International Code Council
IEC	International Electrotechnical Commission
IECEE	CB Scheme-IEC System for Conformity Testing to Standards for Safety of Electrical Equipment
IECEE	IEC System for Recognition of Results of Testing to Standards for Electrical Equipment
IECQ	IEC Quality Assessment System for Electronic Components
IEEE	Institute of Electrical and Electronic Engineers
IETA	International Electrical Testing Association
IGCC	Insulating Glass Certification Council
ISO	International Organization for Standardization
ISTA	International Safe Transit Association
ITS	Intertek Testing Services
JACHO	Joint Commission on the Accreditation of Healthcare Organizations
KCMA	Kitchen Cabinet Manufacturers Association
MET	MET Laboratories, Inc.
MNL	Manual
MRA	Mutual Recognition Agreement
MRA	Mutual Recognition Arrangement
NADCAP	National Aerospace and Defense Contractors Accreditation Program
NADL	National Board for Certification of Dental Laboratories
NAMI	National Accreditation and Management Institute
NATA	Association of Testing Authorities in Australia
NAVSEA	Naval Sea Systems Command, DoD
NBBPVI	National Board of Boiler and Pressure Vessel Inspectors
NDT	Non-Destructive Testing
NEBB	National Environmental Balancing Bureau
NEC	National Electrical Code
NEMA	National Electrical Manufacturers Association
NETA	(International) National Electrical Testing Association
NIST	National Institute for Standards and Technology
NLLAP	National Lead Laboratories Accreditation Program
NMMA	National Marine Manufacturers Association
NRTL	Nationally Recognized Testing Laboratories Program, OSHA
NRTL	Nationally Recognized Testing Laboratory
NSF	NSF International, Formerly National Sanitation Foundation
NSI	National Supervising Inspectorate
NVLAP	National Voluntary Laboratory Accreditation Program, NIST
NSLAP	Naval Shipyard Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration, DOL
PCI	Precast/Prestressed Concrete Institute
PRI	Performance Review Institute
PRI-CC	PRI Calibration Cooperative
PSTES	Public Safety Testing and Evaluation Service, Inc. (subsidiary of SBCCI)
PTLAP	Petroleum Test Laboratory Accreditation Program
PVGAP	Global Approval Program for Photovoltaics
QML	DoD Qualified Manufacturing Lists
RvA	Raad Voor Accreditatie (Dutch Council for Accreditation, Formerly RvC)
SAE	Society of Automotive Engineers
SBCCI	Southern Building Code Congress International
SCC	Standards Council of Canada
SCOF	Static Coefficient of Friction
SGCC	Safety Glazing Certification Council
SRCC	Solar Rating Certification Corporation
TMO	The Marley Organization, Inc.
TPS	TUV Product Service
UL	Underwriters Laboratories, Inc.
URL	Uniform Resource Locator (Internet)
USDA	U.S. Department of Agriculture
VOSI	Voices of Safety International
WDMA	Wood Window and Door Association

APPENDIX VI

Publications on Standards and Conformity Assessment Activities
Office of Standards Services
National Institute of Standards and Technology
Gaithersburg, Maryland 20899
(See last page for ordering information)

The ABC's of Standards-Related Activities in the United States (NBSIR 87-3576)
This report is an introduction to voluntary standardization, product certification and laboratory accreditation for readers not fully familiar with these topics. It stresses some of the more important aspects of these fields; furnishes the reader with both historical and current information on these topics; describes the importance and impact of the development and use of standards; and serves as background for using available documents and services.

Order from NTIS by #PB 87-224309.

The ABC's of Certification Activities in the United States (NBSIR 88-3821)

This report, a sequel to The ABC'S of Standards-Related Activities in the United States (NBSIR 87-576), provides an introduction to certification for readers not entirely familiar with this topic. It highlights some of the more important aspects of this field, furnishes the reader with information necessary to make informed purchases, and serves as background for using available documents and services.

Order from NTIS by #PB 88-239793.

The ABC's of the U.S. Conformity Assessment System (NISTIR 6014)

This report is designed to provide the reader with an introduction to conformity assessment and information on how the various conformity assessment activities are interlinked. It highlights some of the field's more important aspects and serves as background for using available documents and services.

Order from NTIS by #PB 97-197107

Laboratory Accreditation Activities in the United States (NISTIR 4576)

This report, a companion to The ABC'S of Standards-Related Activities in the United States (NBSIR 87-3576) and The ABC'S of Certification Activities in the United States (NBSIR 88-3821), is designed to provide information on laboratory accreditation to readers who are new to this field. It discusses some of the more significant facets of this topic, provides information necessary to make informed decisions on the selection and use of laboratories, and serves as background for using other available documents and services.

Order from NTIS by #PB 91-194495.

Questions and Answers on Quality, the ISO 9000 Standard Series, Quality System Registration, and Related Issues (NISTIR 4721)

This report provides information on the development, content and application of the ISO 9000 standards to readers who are unfamiliar with these aspects of the standards. It attempts to answer

some of the most commonly asked questions on quality; quality systems; the content, application and revision of the ISO 9000 standards; quality system approval/registration; European Union requirements for quality system approval/registration; and sources for additional help.

Order from NTIS by #PB 93-152080/AS

More Questions and Answers on the ISO 9000 Standard Series and Related Issues (NISTIR 5122)

This report, a sequel to NISTIR 4721, provides additional information on the ISO 9000 standards and related issues to readers unfamiliar with some of the new developments in this area. It attempts to answer additional questions on ISO 9000 standards related issues which NIST has received since the publication of NISTIR 4721 and identifies sources for further help in this area.

Order from NTIS by #PB 93-140689.

The U.S. Certification System from a Governmental Perspective (NISTIR 6077)

This report is designed to provide the reader with an introduction to the U.S. certification system from a governmental perspective. It highlights some of the relationships that exist between federal and state agencies and the private sector and discusses some of the history and philosophy behind the U.S. system.

Order from NTIS by #PB 98-104086.

The National Technology Transfer and Advancement Act - Plan for Implementation (NISTIR 5967)

The National Technology Transfer and Advancement Act (P.L. 104-113) gives NIST responsibility to coordinate standards and conformity assessment activities with other Federal agencies, state and local governments, and with the private sector. Congress required NIST to submit a plan for implementing the coordination activities. Specific activities in strategic standards management, responsiveness to international trade concerns, greater use of voluntary standards, and conformity assessment procedures are described Responsibilities of govemments, standards developers, and private sector interests are outlined, as are a number of specific tasks.

Order from NTIS by #PB 97-153001.

Report on the Open Forum on Establishment of the National Council for Laboratory Accreditation (NACLA) at the National Institute of Standards and Technology January 7, 1997 (NISTIR 6008)

The forum was jointly sponsored by NIST, ACIL (formerly the American Council of Independent Laboratories), and the American National Standards Institute (ANSI). It was attended by more than 300 representatives from private industry and the government. The purpose of the Forum was to discuss a proposal to establish the National Council for Laboratory Accreditation (NACLA), which would be a cooperative partnership between the public and private sectors designed to provide a national infrastructure for laboratory accreditation in the United States.

Order from NTIS by #PB 97-158133.

Examination of Laboratory Accreditation Programs in the United States and the Potential Role for a National Laboratory Accreditation System (NIST GCR 97-714)

This report presents an initial study of existing U.S. laboratory accreditation programs, with a focus on government programs, particularly at the Federal level. The study was conducted in two phases: Phase I established categories of existing laboratory accreditation programs in the Federal government, at the state and local level, and in the private sector. Phase II compared technical standards used by five Federal government laboratory accreditation programs with general standards for laboratory accreditation established by ISO.

Order from NTIS by #PB 97-167365.

Proceedings of the Open Forum on Laboratory Accreditation at the National Institute of Standards and Technology October13, 1995 (NIST SP 902)

The American National Standards Institute and ACIL requested that NIST work with them in an informal Laboratory Accreditation working group (LAWG) to evaluate the current situation in laboratory accreditation in the United States. This group sponsored a forum to hear reports from various sectors and to arrive at some consensus on the need to improve the current situation and infrastructure for laboratory accreditation in the United States.

Order from NTIS by #PB 96-210141.

Survey on the Implementation of ISO/IEC Guide 25 by National Laboratory Accreditation Programs (NISTIR 5473)

ISO/IEC Guide 25, General Requirements for the Competence of Calibration and Testing Laboratories, has been used by many laboratory accreditation programs worldwide to establish accreditation requirements designed to promote confidence in the calibrations and testing results of laboratories. National delegations to the International Laboratory Accreditation Conference (ILAC) were surveyed to collect information on the implementation and supplementation of the requirements of ISO/IEC Guide 25 within the context of their countries' laboratory accreditation programs. This report summarizes the results of that survey and includes a bibliographic list of publications concerned with ISO/IEC Guide 25 implementation complied from the information by the national delegations.

Order from NIST by #PB 94-210150.

Directory of International and Regional Organizations Conducting Standards-Related Activities (NIST SP 767)

This directory contains information on 338 international and regional organizations which conduct standardization, certification, laboratory accreditation, or other standards-related activities. It describes their work in these areas, as well as the scope of each organization, national affiliations of members, U.S. participants, restrictions on membership, and the availability of any standards in English.

Order from NTIS by #PB 89-221147 or Global Engineering Documents by Order #Cat. SP767.

Directory of European Regional Standards-Related Organizations (NIST SP 795)

This directory identifies more than 150 European regional organizations - both governmental and private - that engage in standards development, certification, laboratory accreditation and other standards-related activities, such as quality assurance. Entries describe the type and purpose of each

organization; acronyms; national affiliations of members; the nature of the standards-related activity; and other related information.

Order from NTIS by #PB 91-107599 or Global Engineering Documents by Order #Cat. 0258-3.

Standards Activities of Organizations in the United States (NIST SP 806, 1996 Edition).

The directory identifies and describes activities of over 700 U.S. public and private sector organizations which develop, publish, and revise standards; participate in this process; or identify standards and make them available through information centers or distribution channels. The revision covers activities related to both mandatory and voluntary U.S. standards. It also contains a subject index and related listings that cover acronyms and initials, defunct bodies and organizations with name changes.

Order from NTIS by #PB 97-124135/AS.

Directory of Federal Government Certification and Related Programs (NIST SP 739 1999 Edition)

This fourth edition describes federal government procurement and regulatory programs which may affect product and services in the marketplace. Entries describe the scope and nature of each program, contact points, testing and inspection practices, standards used, methods of identification and enforcement, reciprocal recognition or acceptance of certification and other relevant details. The entries also describe assessment procedures used by federal agencies to provide assurance that the products and services regulated or procured by federal agencies have the required characteristics and/or perform in a specific manner. The methods used by federal agencies to assure conformance can be very different than those traditionally employed by the private sector and by third party certifiers.

Order from NTIS by #PB 99-154825.

Directory of U.S. Private Sector Product Certification Programs (NIST SP 903)

This directory presents information from 178 private sector organizations in the United States which engage in product certification activities. Entries describe the type and purpose of each organization, the nature of the activity, a pictorial representation of the organization's mark (if available), products certified, standards used, certification requirements, any accreditation or recognition by a U.S. or foreign private sector or government agency, availability of services, methods of cost determination, and other relevant details.

Order from NTIS by #PB 96-215074.

Directory of Federal Government Laboratory Accreditation/Designation Programs (NIST SP 808)

This directory provides updated information on 31 federal government laboratory accreditation and similar type programs conducted by the federal government. These programs, which include some type of assessment regarding laboratory capability, designate sets of laboratories or other entities to conduct testing to assist federal agencies in carrying out their responsibilities. The directory also lists 13 other federal agency programs of possible interest, including programs involving very limited laboratory assessment and programs still under development.

Order from NTIS by #PB 91-167379.

Directory of State and Local Government Laboratory Accreditation/Designation Programs (NIST SP 815)

This directory provides updated information on 21 state and 11 local government laboratory accreditation and similar type programs. These programs, which include some type of assessment regarding laboratory capability, designate private sector laboratories or other entities to conduct testing to assist state and local government agencies in carrying out their responsibilities. Entries describe the scope and nature of each program, laboratory assessment criteria and procedures used in the program, products and fields of testing covered, program authority, and other relevant details.

Order from NTIS by #PB 92-108968.

ISO Environmental Management Standardization Efforts (NISTIR 5638-1)

This report describes the development of planned "environmental management" standards by the International Organization for Standardization (ISO). These standards address management systems and the environmental aspects of products in the areas of life cycle assessment and labeling. The report outlines the current status of the ISO standards and also covers developments relating to third party certification of environmental management systems.

Order from NTIS by #PB 96-158662

Standards Setting in the European Union - Standards Organizations and Officials in EU Standards Activities (NIST SP 891, 1997 Edition)

The guide is designed to help U.S. manufacturers, exporters, and other interested persons in locating contact points for important information on the development of standards and conformity assessment issues. The report includes a history of the role of standards in the European Union (EU) and the latest information on the EU's harmonization directives for implementing the "New Approach" and the "Global Approach" for harmonizing technical regulations and standards to reduce barriers to trade.

Order from NTIS as #PB 97-153738.

Profiles of National Standards-Related Activities (NIST SP 912)

Introduction
Country Profiles
Appendix I & II

This directory describes the metrology, standardization, testing and quality (MSTQ) activities of more than 70 countries. Each entry includes basic data on the country's economy and trade; agencies and institutions responsible for metrology and calibration, standards development, testing, product certification, quality and environmental system registration and accreditation; and key contacts and information sources. Entries are formatted to facilitate access to specific information. An introductory section provides general information on development of the directory and an overview of world-wise MSTQ activities.

Order from NTIS by #PB 97-169874/AS.

TBT Agreement Activities of the National Institute of Standards and Technology

This annual report describes the World Trade Organization (WTO) Agreement on Technical Barriers to Trade (TBT) activities conducted by NIST. NIST receives notifications of proposed foreign technical regulations related to trade, responds to inquiries on proposed technical regulations, participates in

various bilateral and multilateral standards-related trade discussions, and respond to inquiries on the existence, source and availability of standards and standards-related information.

Order from Standards Information Program, (301) 975-4040; fax (301) 926-1559, e-mail: ncsci@nist.gov

Using Voluntary Standards in the Federal Government (NISTIR 6086)

This report is a compilation of presentations given at a NIST-sponsored conference held on September 8, 1997 to foster better understanding among Federal agencies of the private sector standardization process. The conference took place as part of a major effort by NIST to implement the National Technology Transfer and Advancement Act which gives NIST responsibility to coordinate standards and conformity assessment activities with other Federal agenices, state and local governments, and with the private sector.

Order from NTIS by #PB 98-110281.

Environmental Management Systems Voluntary Project Evaluation Guidance (NISTIR 6120)

The intent of this document is to provide a framework for the collection of information of value to regulatory agencies and others interested in determining the impact in several key areas of environmental management systems based on ISO 14001.

Order from NTIS by #PB 98-128890.

National Voluntary Laboratory Accreditation Program (NVLAP) Directory (NIST SP 810)

This annual directory lists laboratories that have been found to be competent to perform certain tests or calibrations as specified. These laboratories are allowed to use the NVLAP logo on their test or calibration certificates or reports, which implies that the processes used to achieve the tests or calibrations have been evaluated by NVLAP as being technically adequate when performed under the conditions specified in the laboratories' quality manuals and associated documentation.

Copies are available from NVLAP at (301) 975-4016; fax: (301) 926-2884 or e-mail - nvlap@nist.gov. A listing of accredited laboratories, updated quarterly, is available on the NVLAP website at http://ts.nist.gov/nvlap.

Toward a National Standards Strategy - Conference Summary Report (NISTIR 6259)

On September 23, 1998, the National Institute of Standards and Technology (NIST) and the American National Standards Institute (ANSI) co-hosted a summit conference, "Toward a National Standards Strategy to Meet Global Needs." NIST Director Ray Kammer and ANSI President Sergio Mazza co-chaired a program that featured keynote addresses by Deputy Secretary of Commerce Robert Mallet and Dana Mead, Chairman and CEO of Tenneco and World Standards Day Chairman; a luncheon address by Evangelos Vardakas, Director, Directorate B, Legislation and Standardization, Telematics Networks, Directorate General (DG)-III: Industrial Affairs, European Commission; three panels comprised of standards experts from industry and govemment; and discussions of comments and questions raised by some of the 339 registered participants.

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Toward a National Standards Strategy - Conference Report (NISTIR 6290)

This more complete report of the September 23, 1998 Summit Proceedings contains full texts, figures, and such background papers as were provided by the speakers; they are presented in the order shown on the agenda. Transcriptions of comments and questions from the floor and the ensuing panelist responses are interspersed appropriately. Information about the speakers appears in Appendix A; the list of Conference attendees may be found in Appendix B; and a glossary of acronyms is provided in Appendix C.

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A Selective Review of Testing Laboratory Accreditation Movements in the United States (NIST GCR 98-740)

In conjunction with a cooperative effort by the Laboratory Accreditation Working Group (LAWG), consisting of public and private sector entities that call for laboratories to be accredited, the affected laboratories, and accreditation bodies, the author has conducted a selective review of a number of previous attempts to systemize laboratory accreditation activities in the United States. In conclusion, a number of recommendations are made for the developing National Cooperation on Laboratory Accreditation (NACLA), the proposed formal structure to succeed the planning organization, LAWG.

Towards Strategic Management of Standards Activities at NIST (NISTIR 6292)

This paper describes strategic standards management, its use by U.S. companies, and the potential use of this important methodology by DoC/NIST and other govemment agencies. It also describes the role of NIST's Standards Advisory Committee (SAC) in defining a plan that each NIST Operating Unit (OU) can tailer to manage its own standards activities, and other agencies can similarly adopt. A checklist is provided for use by NIST OUs as they set priorities and implement activities in support of the standards-related work associated with their missions. This checklist can also be adapted for use by other Federal agencies.

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An Overview of the Development of Technical Infrastructure in the Asia-Pacific Region: The Work of the Asia-Pacific Economic Cooperation (APEC) Sub-committee on Standards and Conformance (SCSC) and the Specialist Regional Bodies (SRBs) (NISTIR 6325)

The development and maintenance of an economy's standards and conformance technical infrastructure is critical to its economic health. By increasing the competence of its measurement and testing capabilities, in particular, an economy can provide substantial benefits to its manufacturers and consumers. It is also better equipped to participate in the confidence building requirements of the region to take advantage of increased trade opportunities. Technical infrastructure development is a major focus of the Asia-Pacific Economic Cooperation Sub-committee on Standards and Conformance and the Specialist Regional Bodies which work together closely to develop practical programs to assist this development.

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Free Trade Area of the Americas (FTAA) Conformity Assessment Infrastructure (NIST SP 941)

This publication summarizes the status of the technical infrastructure for conformity assessment in the Americas. It provides information about inspection and testing, product certification, quality system registration and laboratory accreditation for the countries that will comprise the Free Trade Area of the Americas.

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